

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0674929221

Status:

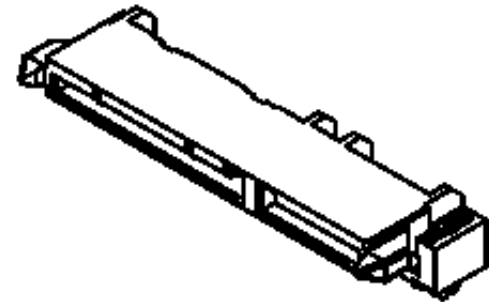
Active

Overview:

serial\_ata\_127\_host\_receptacles

Description:

1.27mm (.050") Pitch Serial ATA Host Receptacle, Right Angle, SMT, Mating Height 6.74mm (.265"), 0.76µm (30µ") Gold (Au) Plating, Tray Packaging, 22 Circuits, Lead Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-67492-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

|                |                                 |
|----------------|---------------------------------|
| Product Family | PCB Receptacles                 |
| Series         | 67492                           |
| Application    | Board-to-Board                  |
| Overview       | serial_ata_127_host_receptacles |
| Product Name   | Serial ATA                      |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 22                             |
| Circuits (maximum)             | 22                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 500                            |
| Glow-Wire Compliant            | No                             |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | None                           |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness Recommended (in) | 0.045 In                       |
| PCB Thickness Recommended (mm) | 1.20 mm                        |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface (in)  | 0.050 In                       |
| Pitch - Mating Interface (mm)  | 1.27 mm                        |
| Pitch - Term. Interface (in)   | 0.050 In                       |
| Pitch - Term. Interface (mm)   | 1.27 mm                        |
| Plating min: Mating (µin)      | 30                             |
| Plating min: Mating (µm)       | 0.76                           |
| Plating min: Termination (µin) | 50                             |
| Plating min: Termination (µm)  | 1.27                           |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Stackable                      | No                             |
| Temperature Range - Operating  | -35°C to +85°C                 |
| Termination Interface: Style   | Surface Mount                  |

Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 1.5A   |
| Voltage - Maximum             | 15V DC |

EU RoHS

ELV and RoHS  
Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

Search Parts in this Series

67492Series

Mates With

87703 , 87672 Serial ATA Plugs

**Solder Process Data**

|                              |                           |
|------------------------------|---------------------------|
| Lead-free Process Capability | Reflow Capable (SMT only) |
| Process Temperature max. C   | 230                       |

**Material Info**

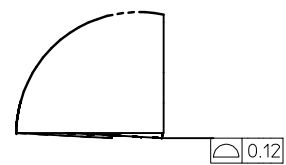
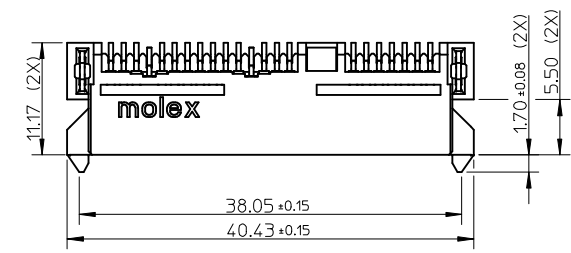
**Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-67492-001 |
| Product Specification   | PS-67492-001 |
| Sales Drawing           | SD-67492-001 |

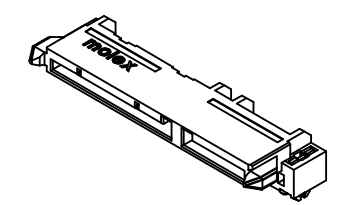
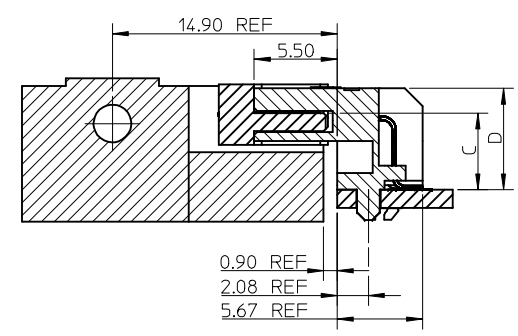
This document was generated on 05/31/2010

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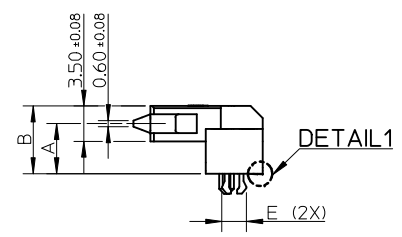
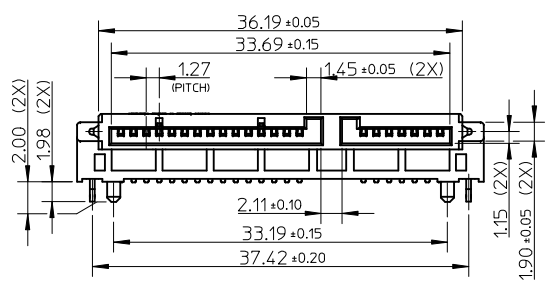
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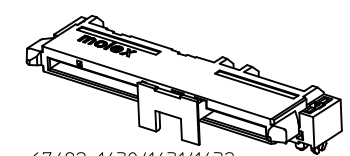
DETAIL1



E

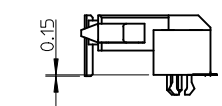
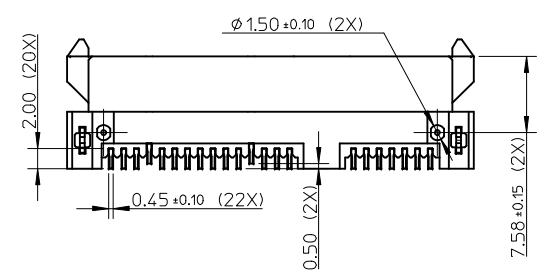


DETAIL1



67492-1430/1431/1432  
/1325/1326/1327  
/1440/1441/1442  
/1224/1225/1226  
/1450/1451/1452.

D



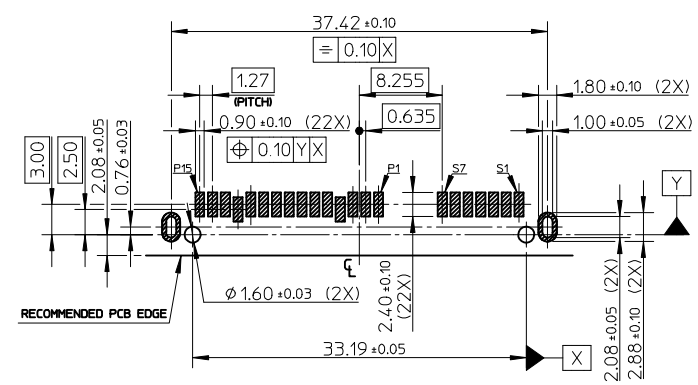
67492-1430/1431/1432  
/1325/1326/1327  
/1440/1441/1442  
/1224/1225/1226  
/1450/1451/1452.

OTHER DIMENSION PER OTHER VIEW

NOTES:

1. MATERIAL:  
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, UL94V-0, COLOR: BLACK;  
TERMINAL: COPPER ALLOY;  
FORKLOCK: COPPER ALLOY.
2. TERMINAL PLATING:  
CONTACT AREA:  
(A) GOLD FLASH,  
(B) GOLD, THICKNESS=0.76 MICRONS MINIMUM,  
(C) GOLD, THICKNESS=0.38 MICRONS MINIMUM,  
SOLDER AREA: TIN, THICKNESS=1.27 MICRONS MINIMUM;  
UNDER PLATE: NICKEL, THICKNESS=1.27 MICRONS MINIMUM.
3. FORKLOCK PLATING:  
SOLDER AREA: TIN, THICKNESS=1.27 MICRONS MINIMUM;  
UNDER PLATE: NICKEL, THICKNESS=1.27 MICRONS MINIMUM.
4. PRODUCT SPECIFICATION: REFER TO PS-67492-001.
5. PACKAGING METHOD: TRAY, USE DRYER IN HDPE BAGE TO PREVENT BLISTER.
6. MATING PARTS: 87703/87672.
7. PRODUCT COMPLIANT TO RoSH DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

B



RECOMMENDED P.C.B. LAYOUT (THICKNESS=1.2mm)  
CONNECTOR SIDE

|                                                                            |                                        |                    |                                                  |                                                            |        |                            |                             |                                                                                                                               |                              |                                   |                                      |                     |  |  |
|----------------------------------------------------------------------------|----------------------------------------|--------------------|--------------------------------------------------|------------------------------------------------------------|--------|----------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------|--------------------------------------|---------------------|--|--|
| ADD PART NUMBER<br>EC NO:<br>DRWN:XQZHANG<br>CHKD:GLI<br>APPR:XJ.SONG<br>K | 2009/07/29<br>2009/08/07<br>2009/09/03 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><div>▽=0</div> <div>◻=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY |                             | SCALE<br>1:1                                                                                                                  | DESIGN UNITS<br>METRIC       | <div>THIRD ANGLE PROJECTION</div> | SATA HOST RECEPTACLE<br>R/A SMT TYPE |                     |  |  |
|                                                                            |                                        |                    |                                                  |                                                            | mm     | INCH                       | DRAWN BY<br>GRATE MA        | DATE<br>2003/10/10                                                                                                            | TITLE<br>MOLEX INCORPORATED  |                                   |                                      |                     |  |  |
|                                                                            |                                        |                    |                                                  | 4 PLACES                                                   | ± ---  | ± ---                      | CHECKED BY<br>YA JUN        | DATE<br>2003/10/10                                                                                                            |                              |                                   |                                      |                     |  |  |
|                                                                            |                                        |                    |                                                  | 3 PLACES                                                   | ± ---  | ± ---                      |                             |                                                                                                                               |                              |                                   |                                      |                     |  |  |
|                                                                            |                                        |                    |                                                  | 2 PLACES                                                   | ± 0.15 | ± ---                      | APPROVED BY<br>SAM          | DATE<br>2003/10/10                                                                                                            |                              |                                   |                                      |                     |  |  |
|                                                                            |                                        |                    |                                                  | 1 PLACE                                                    | ± 0.25 | ± ---                      |                             |                                                                                                                               | DOCUMENT NO.<br>SD-67492-001 |                                   |                                      | SHEET NO.<br>1 OF 2 |  |  |
|                                                                            |                                        |                    |                                                  | ANGULAR ± 3 °                                              |        |                            | MATERIAL NO.<br>SEE SHEET 2 |                                                                                                                               |                              |                                   |                                      |                     |  |  |
|                                                                            |                                        |                    |                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                            | SIZE<br>A3                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                              |                                   |                                      |                     |  |  |
|                                                                            |                                        |                    |                                                  |                                                            |        |                            |                             |                                                                                                                               |                              |                                   |                                      |                     |  |  |
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-|------------|-------------|------------|-------------|------------|-------------|------|------|------|------|-----------|-----------------------------------------------|------------|-------------|------------|-------------|------------|-------------|------|------|------|------|-----------|------------|-------------|------------|-------------|------------|-------------|------|------|------|------|-----------|------------|-------------|------------|-------------|------------|-------------|------|------|------|------|-----------|------------|-------------|------------|-------------|---|
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| F                                                                         | <table><tr><td>P/N</td><td>PLATING</td><td>DIM'A'</td><td>DIM'B'</td><td>DIM'C'</td><td>DIM'D'</td><td>DIM'E'</td><td>REMARK</td></tr><tr><td>67492-1420</td><td>NOTES 2 (A)</td><td rowspan="3">4.15</td><td rowspan="3">5.90</td><td rowspan="3">4.25</td><td rowspan="3">5.90</td><td rowspan="3">2.45±0.10</td><td rowspan="12">TRAY<br/>PACKAGE<br/>PK-67492-001</td></tr><tr><td>67492-1421</td><td>NOTES 2 (B)</td></tr><tr><td>67492-1422</td><td>NOTES 2 (C)</td></tr><tr><td>67492-1320</td><td>NOTES 2 (A)</td><td rowspan="3">3.50</td><td rowspan="3">5.25</td><td rowspan="3">3.60</td><td rowspan="3">5.25</td><td rowspan="3">2.45±0.10</td></tr><tr><td>67492-1321</td><td>NOTES 2 (B)</td></tr><tr><td>67492-1322</td><td>NOTES 2 (C)</td></tr><tr><td>67492-1120</td><td>NOTES 2 (A)</td><td rowspan="3">1.80</td><td rowspan="3">3.55</td><td rowspan="3">1.90</td><td rowspan="3">3.55</td><td rowspan="3">2.45±0.10</td></tr><tr><td>67492-1121</td><td>NOTES 2 (B)</td></tr><tr><td>67492-1122</td><td>NOTES 2 (C)</td></tr><tr><td>67492-9220</td><td>NOTES 2 (A)</td><td rowspan="3">4.99</td><td rowspan="3">6.74</td><td rowspan="3">5.09</td><td rowspan="3">6.74</td><td rowspan="3">2.45±0.10</td></tr><tr><td>67492-9221</td><td>NOTES 2 (B)</td></tr><tr><td>67492-9222</td><td>NOTES 2 (C)</td></tr><tr><td>67492-1220</td><td>NOTES 2 (A)</td><td rowspan="3">4.99</td><td rowspan="3">6.74</td><td rowspan="3">5.09</td><td rowspan="3">6.74</td><td rowspan="3">2.45±0.10</td><td rowspan="3">TAPE&amp;REEL<br/>PACKAGE<br/>PK-67492-002</td></tr><tr><td>67492-1221</td><td>NOTES 2 (B)</td></tr><tr><td>67492-1222</td><td>NOTES 2 (C)</td></tr><tr><td>67492-1224</td><td>NOTES 2 (A)</td><td rowspan="3">4.99</td><td rowspan="3">6.74</td><td rowspan="3">5.09</td><td rowspan="3">6.74</td><td rowspan="3">2.33±0.05</td><td rowspan="3">TAPE&amp;REEL PACKAGE<br/>WITH CAP<br/>PK-67492-002</td></tr><tr><td>67492-1225</td><td>NOTES 2 (B)</td></tr><tr><td>67492-1226</td><td>NOTES 2 (C)</td></tr><tr><td>67492-1430</td><td>NOTES 2 (A)</td><td rowspan="3">4.15</td><td rowspan="3">5.90</td><td rowspan="3">4.25</td><td rowspan="3">5.90</td><td rowspan="3">2.45±0.10</td><td rowspan="17">TAPE&amp;REEL PACKAGE<br/>WITH CAP<br/>PK-67492-008</td></tr><tr><td>67492-1431</td><td>NOTES 2 (B)</td></tr><tr><td>67492-1432</td><td>NOTES 2 (C)</td></tr><tr><td>67492-1325</td><td>NOTES 2 (A)</td><td rowspan="3">3.50</td><td rowspan="3">5.25</td><td rowspan="3">3.60</td><td rowspan="3">5.25</td><td rowspan="3">2.45±0.10</td></tr><tr><td>67492-1326</td><td>NOTES 2 (B)</td></tr><tr><td>67492-1327</td><td>NOTES 2 (C)</td></tr><tr><td>67492-1440</td><td>NOTES 2 (B)</td><td rowspan="3">4.15</td><td rowspan="3">5.90</td><td rowspan="3">4.25</td><td rowspan="3">5.90</td><td rowspan="3">2.33±0.05</td></tr><tr><td>67492-1441</td><td>NOTES 2 (A)</td></tr><tr><td>67492-1442</td><td>NOTES 2 (C)</td></tr><tr><td>67492-1450</td><td>NOTES 2 (A)</td><td rowspan="3">4.10</td><td rowspan="3">5.85</td><td rowspan="3">4.20</td><td rowspan="3">5.85</td><td rowspan="3">2.33±0.05</td></tr><tr><td>67492-1451</td><td>NOTES 2 (B)</td></tr><tr><td>67492-1452</td><td>NOTES 2 (C)</td></tr></table> |                    |                               |                                       |        |                                                         |                                               |                      |                        |                                                                                                                               | P/N                                                                       | PLATING                                | DIM'A'             | DIM'B'                        | DIM'C'                                | DIM'D' | DIM'E'                     | REMARK | 67492-1420   | NOTES 2 (A)            | 4.15                   | 5.90 | 4.25 | 5.90 | 2.45±0.10 | TRAY<br>PACKAGE<br>PK-67492-001 | 67492-1421 | NOTES 2 (B) | 67492-1422 | NOTES 2 (C) | 67492-1320 | NOTES 2 (A)          | 3.50               | 5.25                                          | 3.60 | 5.25     | 2.45±0.10 | 67492-1321 | NOTES 2 (B) | 67492-1322          | NOTES 2 (C)        | 67492-1120 | NOTES 2 (A) | 1.80  | 3.55  | 1.90               | 3.55               | 2.45±0.10 | 67492-1121 | NOTES 2 (B) | 67492-1122 | NOTES 2 (C)  | 67492-9220 | NOTES 2 (A)                  | 4.99 | 6.74                | 5.09    | 6.74 | 2.45±0.10 | 67492-9221 | NOTES 2 (B) | 67492-9222 | NOTES 2 (C)   | 67492-1220 | NOTES 2 (A) | 4.99 | 6.74 | 5.09 | 6.74 | 2.45±0.10 | TAPE&REEL<br>PACKAGE<br>PK-67492-002 | 67492-1221                                              | NOTES 2 (B) | 67492-1222 | NOTES 2 (C) | 67492-1224                                                                                                                    | NOTES 2 (A) | 4.99 | 6.74 | 5.09 | 6.74 | 2.33±0.05 | TAPE&REEL PACKAGE<br>WITH CAP<br>PK-67492-002 | 67492-1225 | NOTES 2 (B) | 67492-1226 | NOTES 2 (C) | 67492-1430 | NOTES 2 (A) | 4.15 | 5.90 | 4.25 | 5.90 | 2.45±0.10 | TAPE&REEL PACKAGE<br>WITH CAP<br>PK-67492-008 | 67492-1431 | NOTES 2 (B) | 67492-1432 | NOTES 2 (C) | 67492-1325 | NOTES 2 (A) | 3.50 | 5.25 | 3.60 | 5.25 | 2.45±0.10 | 67492-1326 | NOTES 2 (B) | 67492-1327 | NOTES 2 (C) | 67492-1440 | NOTES 2 (B) | 4.15 | 5.90 | 4.25 | 5.90 | 2.33±0.05 | 67492-1441 | NOTES 2 (A) | 67492-1442 | NOTES 2 (C) | 67492-1450 | NOTES 2 (A) | 4.10 | 5.85 | 4.20 | 5.85 | 2.33±0.05 | 67492-1451 | NOTES 2 (B) | 67492-1452 | NOTES 2 (C) | F |
| P/N                                                                       | PLATING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DIM'A'             | DIM'B'                        | DIM'C'                                | DIM'D' | DIM'E'                                                  | REMARK                                        |                      |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1420                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.15               | 5.90                          | 4.25                                  | 5.90   | 2.45±0.10                                               | TRAY<br>PACKAGE<br>PK-67492-001               |                      |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1421                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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      |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1422                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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      |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1320                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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      |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1321                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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      |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1322                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1120                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.80               | 3.55                          | 1.90                                  | 3.55   | 2.45±0.10                                               |                                               |                      |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1121                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1122                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-9220                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.99               | 6.74                          | 5.09                                  | 6.74   | 2.45±0.10                                               |                                               |                      |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-9221                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-9222                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1220                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.99               | 6.74                          | 5.09                                  | 6.74   | 2.45±0.10                                               | TAPE&REEL<br>PACKAGE<br>PK-67492-002          |                      |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1221                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1222                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1224                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.99               | 6.74                          | 5.09                                  | 6.74   | 2.33±0.05                                               | TAPE&REEL PACKAGE<br>WITH CAP<br>PK-67492-002 |                      |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1225                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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         |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
| 67492-1226                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1430                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.15               | 5.90                          | 4.25                                  | 5.90   | 2.45±0.10                                               | TAPE&REEL PACKAGE<br>WITH CAP<br>PK-67492-008 |                      |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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| 67492-1431                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1432                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1325                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.50               | 5.25                          | 3.60                                  | 5.25   | 2.45±0.10                                               |                                               |                      |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |      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| 67492-1326                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1327                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1440                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4.15               | 5.90                          | 4.25                                  | 5.90   | 2.33±0.05                                               |                                               |                      |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |      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| 67492-1441                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1442                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1450                                                                | NOTES 2 (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1451                                                                | NOTES 2 (B)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 67492-1452                                                                | NOTES 2 (C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| A                                                                         | <table><tr><td rowspan="10">ADD PART NUMBER<br/>EC NO:<br/>K<br/>DRWN:XQZHANG<br/>CHKD:GLI<br/>APPR:XJSONG</td><td rowspan="10">2009/07/29<br/>2009/08/07<br/>2009/09/03</td><td rowspan="10">DESCRIPTION<br/>REV</td><td rowspan="10">QUALITY SYMBOLS<br/>▽=0<br/>◻=0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE<br/>MM ONLY</td><td>SCALE<br/>1:1</td><td>DESIGN UNITS<br/>METRIC</td><td rowspan="2"> THIRD ANGLE PROJECTION</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2"></td><td>mm</td><td>INCH</td><td>DRAWN BY<br/>GRATE MA</td><td>DATE<br/>2003/10/10</td><td colspan="2" rowspan="3">TITLE<br/>SATA HOST RECEPTACLE<br/>R/A SMT TYPE</td></tr><tr><td colspan="2">4 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY<br/>YAJUN</td><td>DATE<br/>2003/10/10</td></tr><tr><td colspan="2">3 PLACES</td><td>± ---</td><td>± ---</td><td>APPROVED BY<br/>SAM</td><td>DATE<br/>2003/10/10</td></tr><tr><td colspan="2">2 PLACES</td><td>± 0.15</td><td>± ---</td><td colspan="2" rowspan="2">MATERIAL NO.</td><td colspan="2" rowspan="2">DOCUMENT NO.<br/>SD-67492-001</td><td rowspan="2">SHEET NO.<br/>2 OF 2</td></tr><tr><td colspan="2">1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td colspan="2"></td><td colspan="2">ANGULAR ± 3 °</td><td colspan="2">SEE TABLE</td><td colspan="2"></td><td></td></tr><tr><td colspan="2"></td><td colspan="2">DRAFT WHERE APPLICABLE<br/>MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SIZE<br/>A3</td><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                               |                                       |        |                                                         |                                               |                      |                        |                                                                                                                               | ADD PART NUMBER<br>EC NO:<br>K<br>DRWN:XQZHANG<br>CHKD:GLI<br>APPR:XJSONG | 2009/07/29<br>2009/08/07<br>2009/09/03 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▽=0<br>◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY |        | SCALE<br>1:1 | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |      |      |      |           |                                 |            |             |            | mm          | INCH       | DRAWN BY<br>GRATE MA | DATE<br>2003/10/10 | TITLE<br>SATA HOST RECEPTACLE<br>R/A SMT TYPE |      | 4 PLACES |           | ± ---      | ± ---       | CHECKED BY<br>YAJUN | DATE<br>2003/10/10 | 3 PLACES   |             | ± --- | ± --- | APPROVED BY<br>SAM | DATE<br>2003/10/10 | 2 PLACES  |            | ± 0.15      | ± ---      | MATERIAL NO. |            | DOCUMENT NO.<br>SD-67492-001 |      | SHEET NO.<br>2 OF 2 | 1 PLACE |      | ± 0.25    | ± ---      |             |            | ANGULAR ± 3 ° |            | SEE TABLE   |      |      |      |      |           |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |             | SIZE<br>A3 |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |             |      | A    |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
| ADD PART NUMBER<br>EC NO:<br>K<br>DRWN:XQZHANG<br>CHKD:GLI<br>APPR:XJSONG | 2009/07/29<br>2009/08/07<br>2009/09/03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▽=0<br>◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY                              |                                               | SCALE<br>1:1         | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION                                                                                                        |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
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      |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
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                                                                                                                                                                                                                             |                    |                               |                                       |        | mm                                                      | INCH                                          | DRAWN BY<br>GRATE MA | DATE<br>2003/10/10     | TITLE<br>SATA HOST RECEPTACLE<br>R/A SMT TYPE                                                                                 |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |   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|                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                               | 4 PLACES                              |        | ± ---                                                   | ± ---                                         | CHECKED BY<br>YAJUN  | DATE<br>2003/10/10     |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
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                                                                                                                                                                                                                             |                    |                               | 3 PLACES                              |        | ± ---                                                   | ± ---                                         | APPROVED BY<br>SAM   | DATE<br>2003/10/10     |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
|                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                               | 2 PLACES                              |        | ± 0.15                                                  | ± ---                                         | MATERIAL NO.         |                        | DOCUMENT NO.<br>SD-67492-001                                                                                                  |                                                                           |                                        |                    |                               | SHEET NO.<br>2 OF 2                   |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
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      |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
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                                                                                                                                                                                                                             |                    |                               |                                       |        | ANGULAR ± 3 °                                           |                                               | SEE TABLE            |                        |                                                                                                                               |                                                                           |                                        |                    |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
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      |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |
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                                                                                                                                                                                                                             |                    |                               |                                       | 9      | 8                                                       | 7                                             | 6                    | 5                      | 4                                                                                                                             | 3                                                                         | 2                                      | 1                  |                               |                                       |        |                            |        |              |                        |                        |      |      |      |           |                                 |            |             |            |             |            |                      |                    |                                               |      |          |           |            |             |                     |                    |            |             |       |       |                    |                    |           |            |             |            |              |            |                              |      |                     |         |      |           |            |             |            |               |            |             |      |      |      |      |           |                                      |                                                         |             |            |             |                                                                                                                               |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |                                               |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |            |             |      |      |      |      |           |            |             |            |             |   |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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