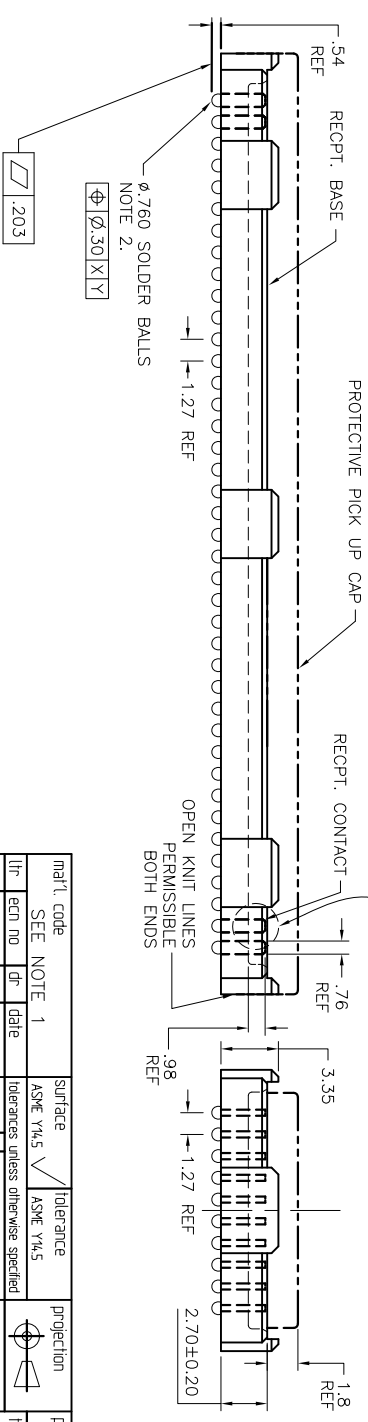
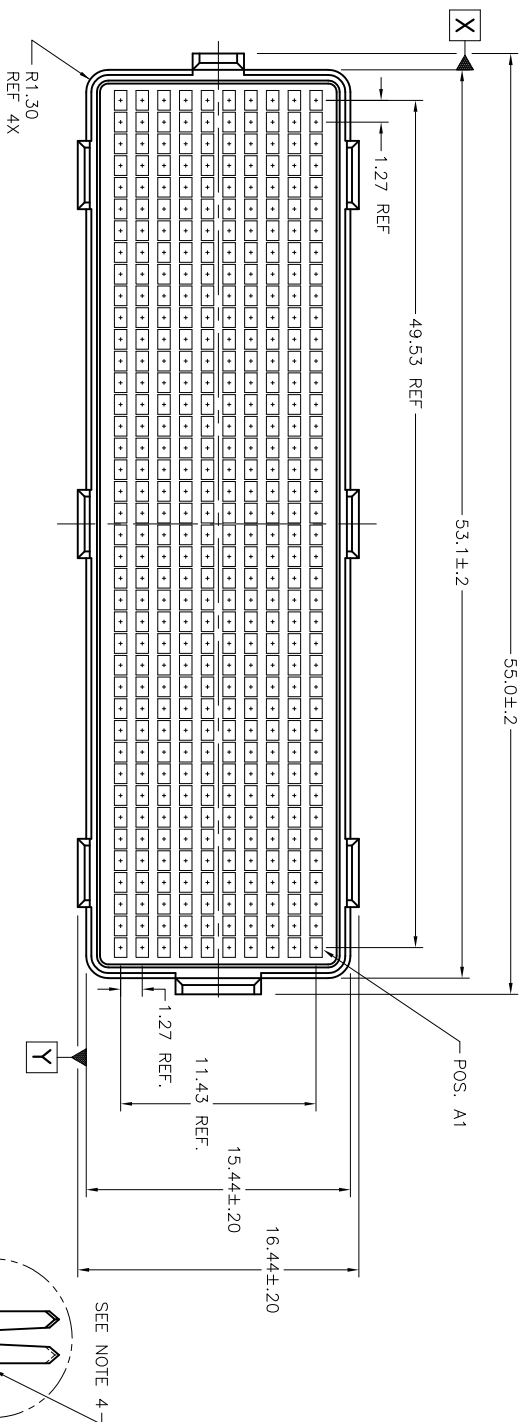


PRODUCT NUMBER  
SEE TABLE-SHEET 3

1 2

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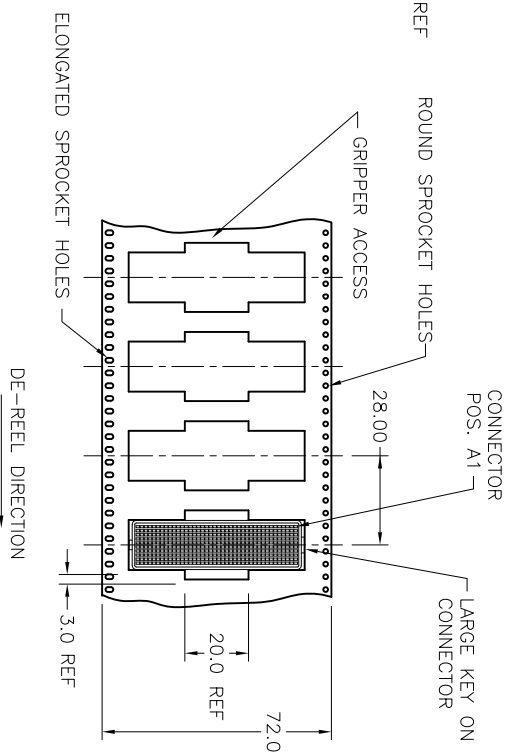
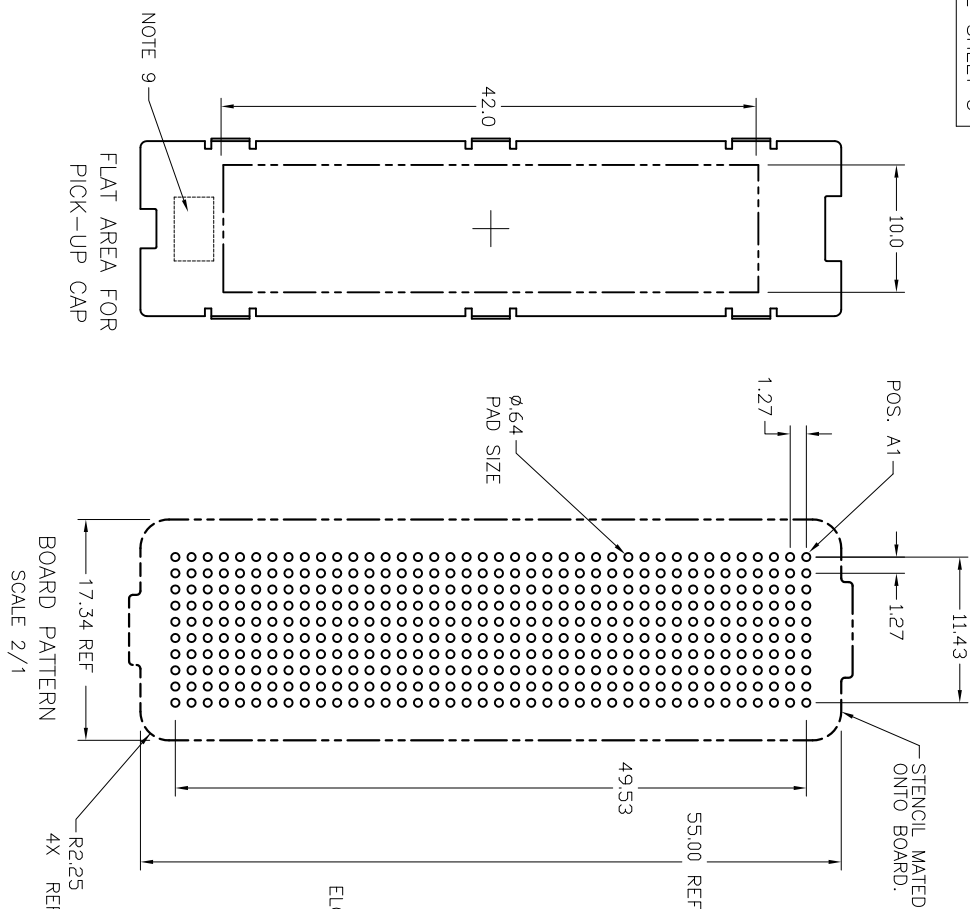
| mat'l. code |          | surface |            | tolerance  |            | projection |            | product family |                         |
|-------------|----------|---------|------------|------------|------------|------------|------------|----------------|-------------------------|
| litr        | ecm no.  | dfr     | date       | ASPE Y14.5 | ASPE Y14.5 | ASPE Y14.5 | ASPE Y14.5 | MEG-ARRAY      | title                   |
| N           | V06-0560 | LP      | 2006-07-08 | angles     | XXX.13     | XXX.13     | XXX.13     | 4mm            | 4mm RECEPTACLE ASSEMBLY |
| P           | V-004083 | HTB     | 2010-06-13 | or ±.2     | XXX.051    | XXX.051    | XXX.051    | 10 X 40        | = 400 POSITIONS         |
| R           | V012300  | DOH     | 2012-06-11 | D.         | WALUCHEN   | 1997-11-26 | 1997-11-26 | Scale: 3:1     |                         |
| S           | V-13457  | DOH     | 2012-11-15 | D.         | WALUCHEN   | 1997-11-26 | 1997-11-26 |                |                         |
| T           | V-22253  | RWB     | 2015-10-20 | ENG        | T. LEMKE   | 1997-11-26 | 1997-11-26 |                |                         |
| -           | -        | -       | -          | ENG        | T. LEMKE   | 1997-11-26 | 1997-11-26 |                |                         |
| M           | V05-1071 | DAI     | 2005-12-21 | QDD        | T. LEMKE   | 1997-11-26 | 1997-11-26 |                |                         |
| Sheet       | revision | T       | T          | T          | T          | T          | T          |                |                         |
| Index       | Sheet    | 1       | 2          | 3          | 4          |            |            |                |                         |

B

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TAPE & REEL PACKAGING SCALE NONE  
PER EIA 481-3

|                  |          |                                                    |      |                                                         |  |                                                                                     |  |
|------------------|----------|----------------------------------------------------|------|---------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
| mat'l. code      |          | surface                                            |      | tolerance                                               |  | projection                                                                          |  |
| SEE NOTE 1       |          | ASME Y14.5 ✓                                       |      | ASME Y14.5                                              |  |  |  |
| lbr              | ecrn no  | lbr                                                | date | tolerances unless otherwise specified<br>angles<br>line |  |  |  |
| T                |          |                                                    |      | X=3<br>XX=3<br>XXX=051                                  |  |  |  |
|                  |          |                                                    |      | 0° ±2°                                                  |  |  |  |
|                  |          |                                                    |      | D. WALSHEN 1997-11-26                                   |  |  |  |
|                  |          |                                                    |      | EUNG T. LEMKE 1997-11-26                                |  |  |  |
|                  |          |                                                    |      | CHN T. LEMKE 1997-11-26                                 |  |  |  |
|                  |          |                                                    |      | apud T. LEMKE 1997-11-26                                |  |  |  |
| sheet index      | revision | sheet                                              |      |                                                         |  |                                                                                     |  |
|                  |          |                                                    |      |                                                         |  |                                                                                     |  |
| product family   |          | MEG-ARRAY                                          |      |                                                         |  |                                                                                     |  |
| title            |          | 4mm RECEPTACLE ASSEMBLY<br>10 x 40 = 400 POSITIONS |      |                                                         |  |                                                                                     |  |
| dwg no           |          | sheet 2 of 4<br>74221                              |      |                                                         |  |                                                                                     |  |
| size             |          | A4                                                 |      |                                                         |  |                                                                                     |  |
| CUSTOMER Drawing |          |                                                    |      |                                                         |  |                                                                                     |  |



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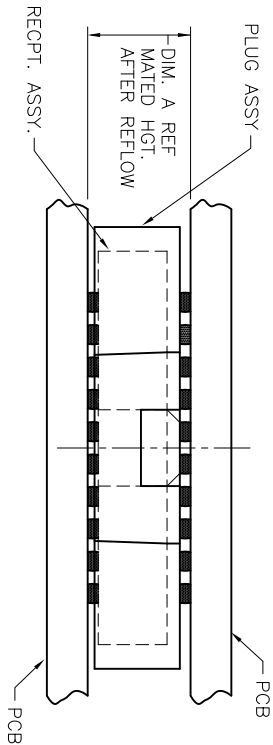
FCIconnect.com

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| PRODUCT NUMBER | PICK-UP CAP | CONTACT PLATING         | SOLDER BALL      | NOTES   |
|----------------|-------------|-------------------------|------------------|---------|
| 74221-001      | YES         | 15µ" (.38µm) Au         | SnPb             |         |
| 74221-001LF    | YES         |                         | SnAgCu LEAD FREE | 7       |
| 74221-091      | YES         | 15µ" (.38µm) GXT        | SnPb             |         |
| 74221-091LF    | YES         |                         | SnAgCu LEAD FREE | 7       |
| 74221-101      | YES         | 30µ" (.76µm) Au         | SnPb             |         |
| 74221-101LF    | YES         |                         | SnAgCu LEAD FREE | 7       |
| 74221-191      | YES         | 30µ" (.76µm) GXT        | SnPb             |         |
| 74221-191LF    | YES         |                         | SnAgCu LEAD FREE | 7       |
| 74221-201      | YES         | Au SPECIAL              | SnPb             | 5       |
| 74221-201LF    | YES         |                         | SnAgCu LEAD FREE | 5 AND 7 |
| 74221-291      | YES         | GXT SPECIAL             | SnPb             | 5       |
| 74221-291LF    | YES         |                         | SnAgCu LEAD FREE | 5 AND 7 |
| 74221-A01      | YES         | 30µ" (.76µm) Au SPECIAL | SnPb             | 8       |
| 74221-A01LF    | YES         |                         | SnAgCu LEAD FREE | 8 AND 7 |
| 74221-301      | YES         | 15µ" (.38µm) SPECIAL    | SnPb             | 8       |
| 74221-301LF    | YES         | 15µ" (.38µm) SPECIAL    | SnAgCu LEAD FREE | 7 AND 8 |
| 74221-401      | YES         | 30µ" (.76µm) SPECIAL    | SnPb             | 8       |
| 74221-401LF    | YES         | 30µ" (.76µm) SPECIAL    | SnAgCu LEAD FREE | 7 AND 8 |
| 74221-501      | YES         | SPECIAL                 | SnPb             | 5 AND 8 |
| 74221-501LF    | YES         | SPECIAL                 | SnAgCu LEAD FREE | 5, 7, 8 |

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| MATED HEIGHT TABLE |               |                 |  |
|--------------------|---------------|-----------------|--|
| DIM. A             | PLUG ASSY P/N | RECPT. ASSY P/N |  |
| 4.0                | 84740         | 74221           |  |
| 10.0               | 84520         | 74221           |  |

MATED HEIGHT AFTER REFLOW IS BASED ON Ø .064mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.  
END VIEW - MATED CONNECTORS SCALE NONE

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form: ArrayMLC

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| mat'l. code |          | SEE NOTE 1 |      | surface    |            | tolerance  |            | projection |            | product family          |                         |
|-------------|----------|------------|------|------------|------------|------------|------------|------------|------------|-------------------------|-------------------------|
| lbr         | ecn no   | dfr        | date | ASPE Y14.5 | ASPE Y14.5 | ASPE Y14.5 | ASPE Y14.5 | ASPE Y14.5 | ASPE Y14.5 | MEG-ARRAY               | title                   |
| T           |          |            |      | angles     | 3x3        | 3x3        | 3x3        | 3x3        | 3x3        | 4mm RECEPTACLE ASSEMBLY | 10 x 40 = 400 POSITIONS |
|             |          |            |      | dr         | D. WUJCHEN | 1997-11-26 | 1997-11-26 | 1997-11-26 | 1997-11-26 | 74221                   | sheet 3 of 4            |
|             |          |            |      | engr       | T. LEMKE   | 1997-11-26 | 1997-11-26 | 1997-11-26 | 1997-11-26 | 74221                   | size                    |
|             |          |            |      | cltr       | T. LEMKE   | 1997-11-26 | 1997-11-26 | 1997-11-26 | 1997-11-26 | 74221                   | A4                      |
|             |          |            |      | apdd       | T. LEMKE   | 1997-11-26 | 1997-11-26 | 1997-11-26 | 1997-11-26 | 74221                   | A4                      |
| sheet       | revision |            |      |            |            |            |            |            |            | CUSTOMER Drawing        |                         |
| index       | sheet    |            |      |            |            |            |            |            |            |                         |                         |

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PRODUCT NUMBER

SEE TABLE--SHEET 3

NOTES:

- 1.) MATERIAL:

HOUSING: LCP, MEETS UL94 V-0 OR BETTER  
CONTACT: COPPER ALLOY

## PLATING

CONTACT: (SEE TABLE ON SHEET 3)  
SOLDER BALL: (SEE TABLE ON SHEET 3)  
EUTECTIC SnPb OR LEAD FREE  
95.5Sn/4Ag/0.5Cu

2. SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
3. MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE, & SOLDER PASTE.
4. NO TIN\LEAD OR FLUX ABOVE TERMINAL SHOULDER.
5. PLATING FOR -2XX SERIES DASH NOS. MEETS THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE

6. FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033. LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION.

|             |         |              |      |                                       |  |                                                                                     |  |                         |  |
|-------------|---------|--------------|------|---------------------------------------|--|-------------------------------------------------------------------------------------|--|-------------------------|--|
| mat'l. code |         | surface      |      | tolerance                             |  | projection                                                                          |  | product family          |  |
| SEE NOTE 1  |         | ASME Y14.5 ✓ |      | ASME Y14.5                            |  |  |  | MEG-ARRAY               |  |
| lth         | ecrn no | dr           | date | tolerances unless otherwise specified |  |  |  | title                   |  |
|             |         |              |      | angles                                |  | MM                                                                                  |  | 4mm RECEPTACLE ASSEMBLY |  |
| T           |         |              |      | 0° ± 2°                               |  | 2:1                                                                                 |  | 10 x 40 = 400 POSITIONS |  |
|             |         |              |      | T. BREWBAKER 2011-06-13               |  |                                                                                     |  | dwg no                  |  |
|             |         |              |      | D. HORCHLER 2011-06-13                |  |                                                                                     |  | sheet 4 of 4            |  |
|             |         |              |      | D. HORCHLER 2011-06-13                |  |                                                                                     |  | size                    |  |
|             |         |              |      | D. HORCHLER 2011-06-13                |  |                                                                                     |  | A4                      |  |
| revision    |         |              |      | app'd D. HORCHLER 2011-06-13          |  |                                                                                     |  | type                    |  |
| sheet index |         |              |      |                                       |  |                                                                                     |  | CUSTOMER Drawing        |  |

- ⑦ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.
- ⑧ 74221-A01, -A01LF, HAVE CUSTOMER SPECIAL PLATING.
- ⑨ CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

10. A TRIANGLE SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURREN'T DRAWING REVISION.

11. -301, -301LF, -401, -401LF, -501, -501LF ARE OBSOLETE

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

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