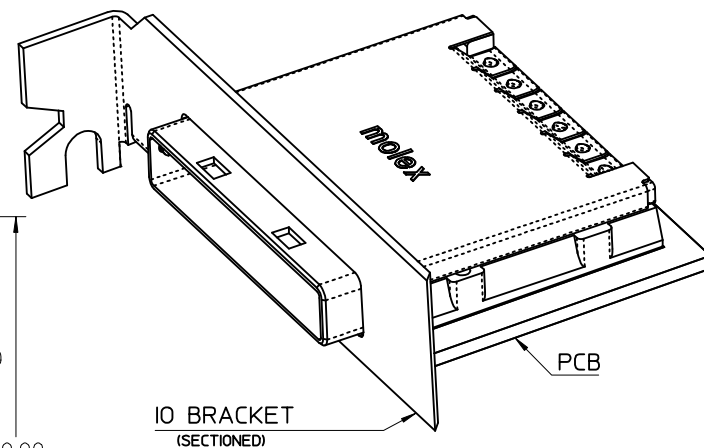
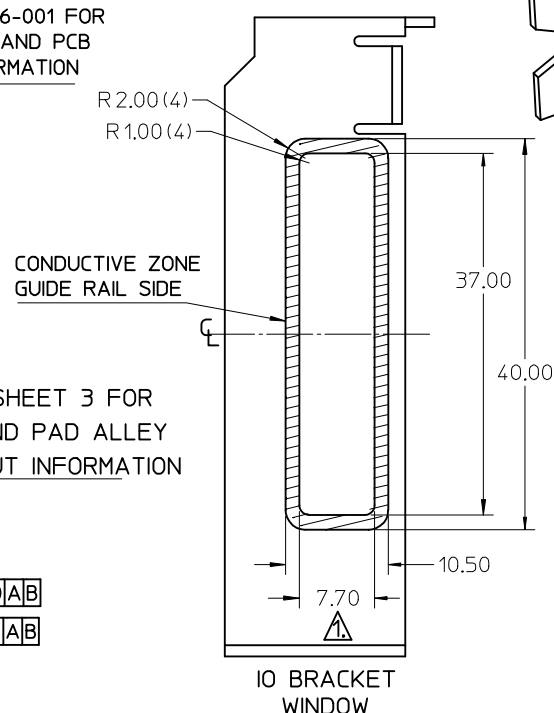
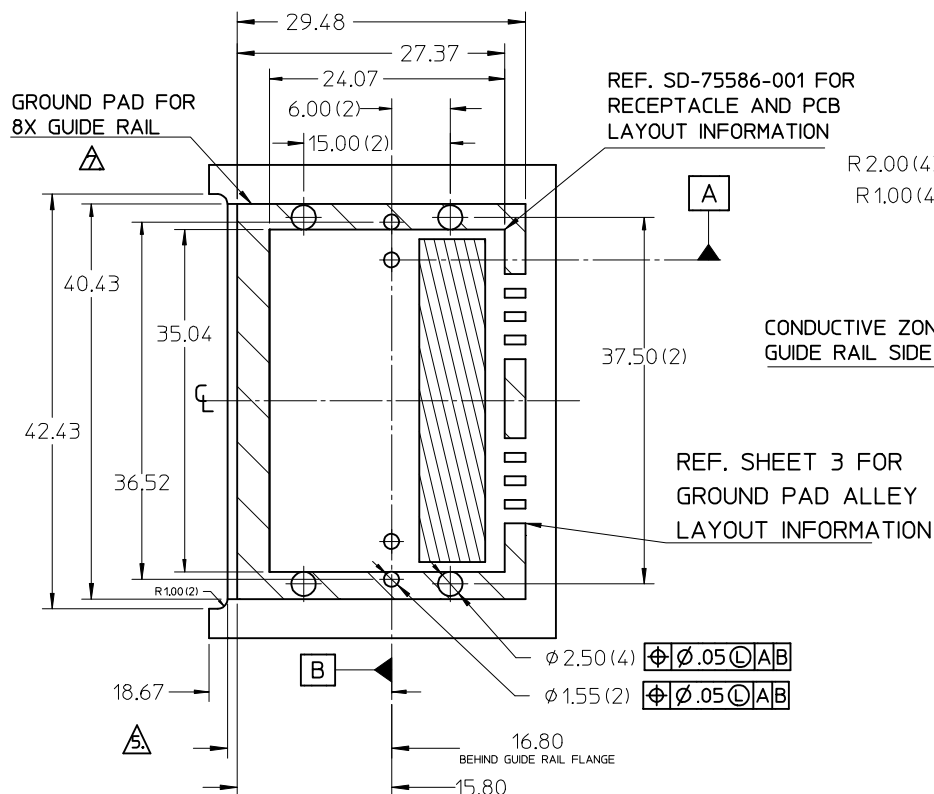
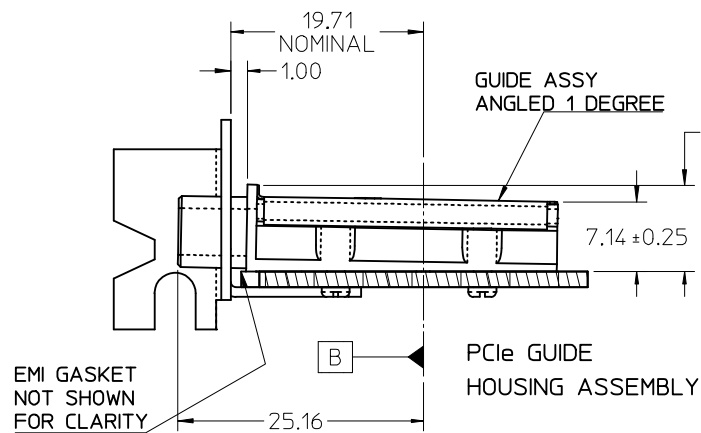




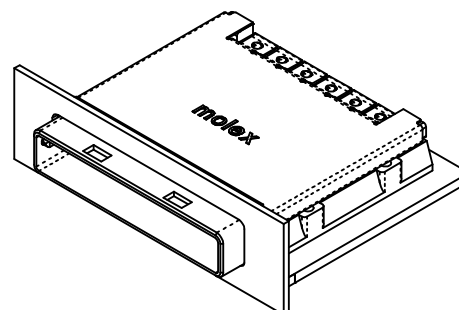
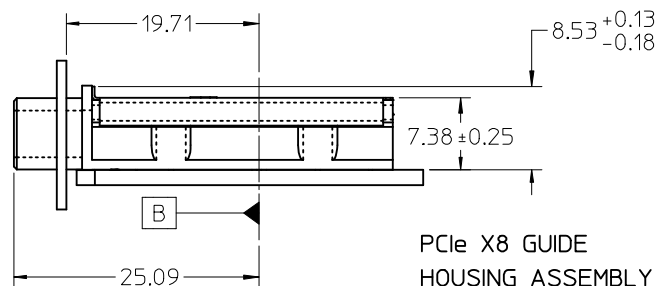
- NOTES:
- REF. PCI EXPRESS CARD ELECTROMECHANICAL SPECIFICATION, REV 1.0a FOR IO BRACKET WINDOW LOCATION.
  - PCB AND IO BRACKET SHOWN FOR REFERENCE ONLY.
  - REFER TO SHEET 2 FOR ATCA GUIDE HOUSING ASSY. SEE SHEET 3 FOR SCREEN LENGTH + TORQUE SPEC.
  - GUIDE HOUSING MOUNTING THREAD= M2 X 0.4
  - PCB NOTCH IS SHOWN FOR PCI COMPLIANT BOARD.
  - THIS PRODUCT MEETS THE RESTRICTIONS OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)
  - PLATE GROUND PAD WITH EMERSON SILVER OR GOLD.
  - MATES WITH MOLEX 8X CABLE SERIES 74546-080X.
  - GUIDE HOUSING PEGS FOR ALIGNMENT ONLY.
  - "DO NOT SOLDER"

PCIe EXPANSION CARD  
APPLICATION SHOWN  
USING 1 DEGREE  
GUIDE HOUSING ASSEMBLY

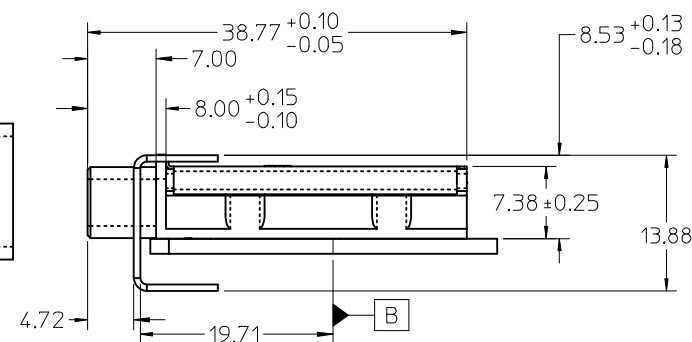
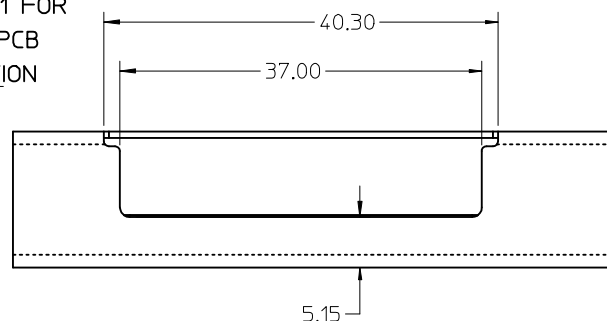
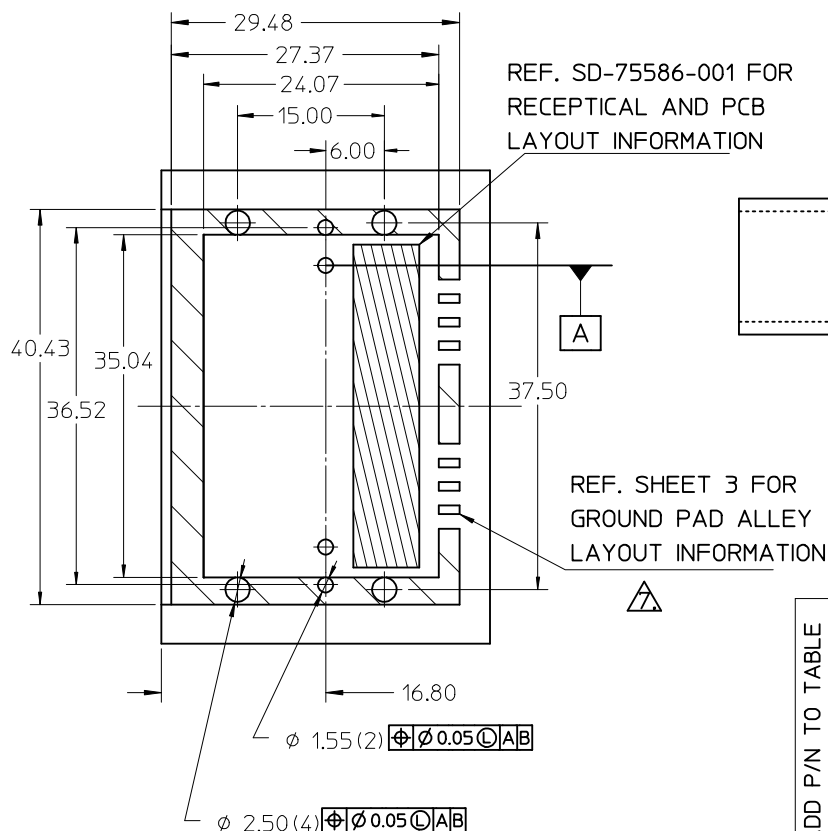
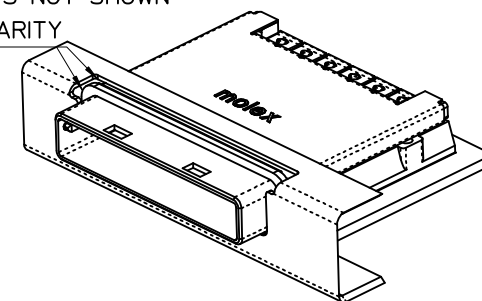
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|                                                                                                                      |                                 |             |                                       |  |                                                            |                                                                                                                               |                                                  |                        |                              |  |  |  |                     |
|----------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------|---------------------------------------|--|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------|------------------------------|--|--|--|---------------------|
| ADD P/N TO TABLE<br>EC NO: CPG2012-2100<br>2012/06/28<br>DRAWN:TPRATT<br>CHKD:A.JOHNSON<br>APPR:KLLOYD<br>2012/07/06 | QUALITY SYMBOLS<br><br>=0<br>=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM ONLY                                 |                                                                                                                               | SCALE<br>2:1                                     | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION    |  |  |  |                     |
|                                                                                                                      |                                 |             |                                       |  | DRAWN BY<br>BREED                                          |                                                                                                                               | TITLE<br>I-PASS X8 EMI<br>GUIDE HOUSING ASSEMBLY |                        |                              |  |  |  |                     |
|                                                                                                                      |                                 |             |                                       |  | CHECKED BY<br>DDOYE                                        |                                                                                                                               | DATE<br>2004/11/11                               |                        |                              |  |  |  |                     |
|                                                                                                                      |                                 |             |                                       |  | APPROVED BY<br>DDOYE                                       |                                                                                                                               | DATE<br>2004/11/11                               |                        |                              |  |  |  |                     |
|                                                                                                                      |                                 |             |                                       |  | ANGULAR ±1/2°                                              |                                                                                                                               | molex                                            |                        | MOLEX INCORPORATED           |  |  |  |                     |
|                                                                                                                      |                                 |             |                                       |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                               | MATERIAL NO.<br>SEE TABLE                        |                        | DOCUMENT NO.<br>SD-74540-100 |  |  |  | SHEET NO.<br>1 OF 3 |
| Q                                                                                                                    | REV                             |             |                                       |  | SIZE<br>B                                                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                  |                        |                              |  |  |  |                     |



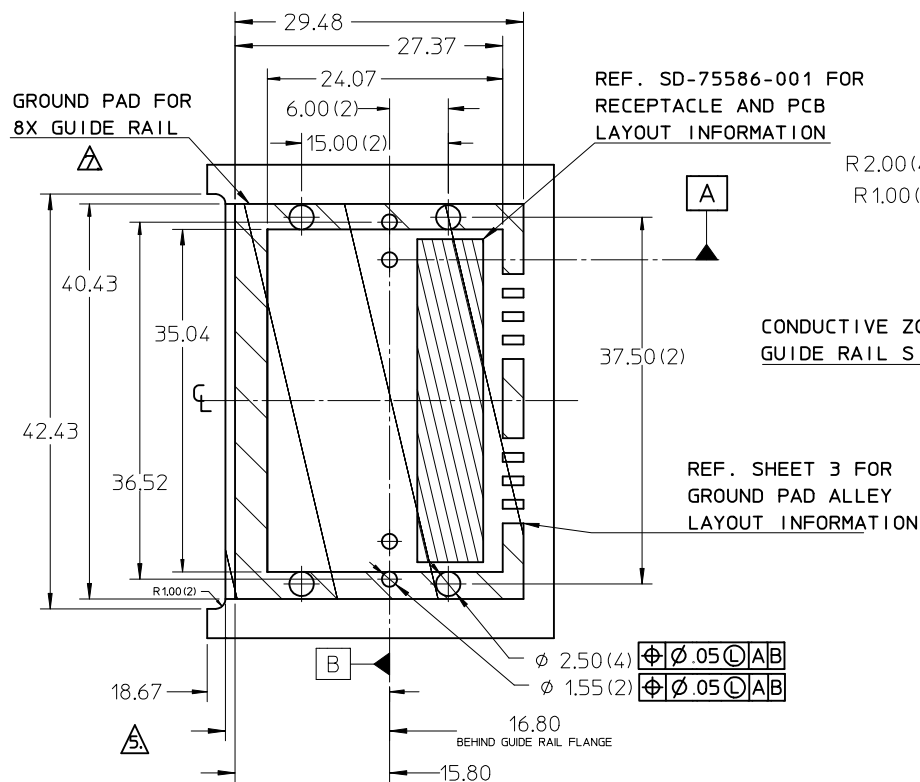
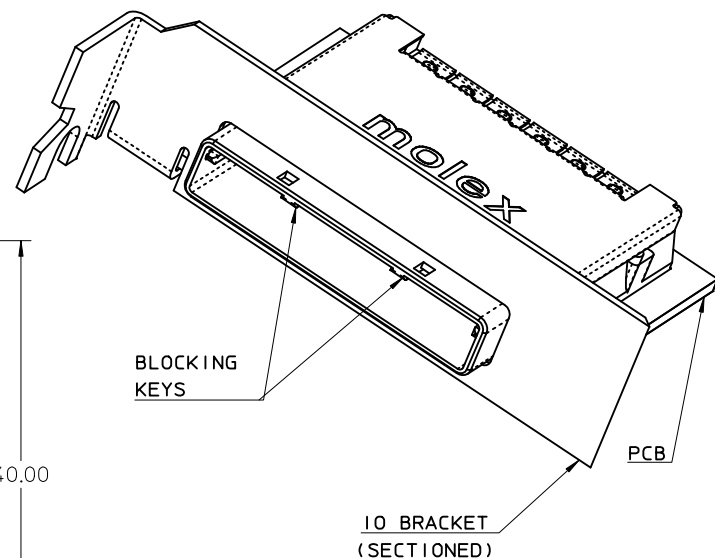
GASKETS NOT SHOWN FOR CLARITY



iPass™ is a trademark of Molex

|                                                                                                                                   |                                       |             |                                       |  |                            |  |                                                                                                                               |                        |                                                      |  |                          |  |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------|---------------------------------------|--|----------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------|--|--------------------------|--|
| ADD P/N TO TABLE<br>EC NO: CPG2012-2100<br>2012/06/28<br>DRWN:TPRATT<br>CHKD:AJOHNSTON<br>2012/06/28<br>APPR:KLLOYD<br>2012/07/06 | QUALITY SYMBOLS<br><br>▽=0<br><br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>1:1                                                                                                                  | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION                            |  |                          |  |
|                                                                                                                                   |                                       |             |                                       |  | DRAWN BY<br>BREED          |  | DATE<br>2004/11/11                                                                                                            |                        | TITLE<br><br>I-PASS X8 EMI<br>GUIDE HOUSING ASSEMBLY |  |                          |  |
|                                                                                                                                   |                                       |             |                                       |  | CHECKED BY<br>DDOYE        |  | DATE<br>2004/11/11                                                                                                            |                        |                                                      |  |                          |  |
|                                                                                                                                   |                                       |             |                                       |  | APPROVED BY<br>DDOYE       |  | DATE<br>2004/11/11                                                                                                            |                        |                                                      |  | MOLEX MOLEX INCORPORATED |  |
|                                                                                                                                   |                                       |             |                                       |  | MATERIAL NO.               |  | DOCUMENT NO.                                                                                                                  |                        | SHEET NO.                                            |  |                          |  |
|                                                                                                                                   |                                       |             |                                       |  | SEE TABLE                  |  | SD-74540-100                                                                                                                  |                        | 2 OF 3                                               |  |                          |  |
|                                                                                                                                   |                                       |             |                                       |  | SIZE<br>B                  |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                                                      |  |                          |  |



R2.00(4)  
R1.00(4)CONDUCTIVE ZONE  
GUIDE RAIL SIDEREF. SHEET 3 FOR  
GROUND PAD ALLEY  
LAYOUT INFORMATION $\phi 2.50(4)$   
 $\phi 1.55(2)$ GUIDE ASSY  
ANGLED 1 DEGREEPCIe GUIDE  
HOUSING ASSEMBLYPCIe EXPANSION CARD  
APPLICATION SHOWN  
USING 1 DEGREE  
GUIDE HOUSING ASSEMBLY

- NOTES:
- REF. PCI EXPRESS CARD ELECTROMECHANICAL SPECIFICATION, REV 1.0a FOR IO BRACKET WINDOW LOCATION.
  - PCB AND IO BRACKET SHOWN FOR REFERENCE ONLY.
  - REFER TO SHEET 2 FOR ATCA GUIDE HOUSING ASSY.
  - GUIDE HOUSING MOUNTING THREAD= M2 X 0.4, SEE SHEET 3 FOR SCREW LENGTH + TORQUE SPEC.
  - PCB NOTCH IS SHOWN FOR PCI COMPLIANT BOARD.
  - THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC).
  - PLATE GROUND PAD WITH EMERSON SILVER OR GOLD.
  - MATES WITH MOLEX 8X CABLE SERIES 74546-080X.
  - GUIDE HOUSING PEGS FOR ALIGNMENT ONLY, DO NOT SOLDER.

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SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION

I-PASS X8 EMI  
GUIDE HOUSING ASSEMBLY  
W/ KEYS

MOLEX INCORPORATED

DOCUMENT NO. SD-74540-101 SHEET NO. 1 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DOC HISTORY ONLY  
EC NO: USY2011-0103  
TIDRWN:SECRET 2010/01/20  
CHKD:SYTSM  
APPR:DDOYE 2010/08/27

QUALITY SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

|               | mm     | INCH  |
|---------------|--------|-------|
| 4 PLACES      | ± ---  | ± --- |
| 3 PLACES      | ± ---  | ± --- |
| 2 PLACES      | ± 0.05 | ± --- |
| 1 PLACE       | ± 0.10 | ± --- |
| ANGULAR ±1/2° |        |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

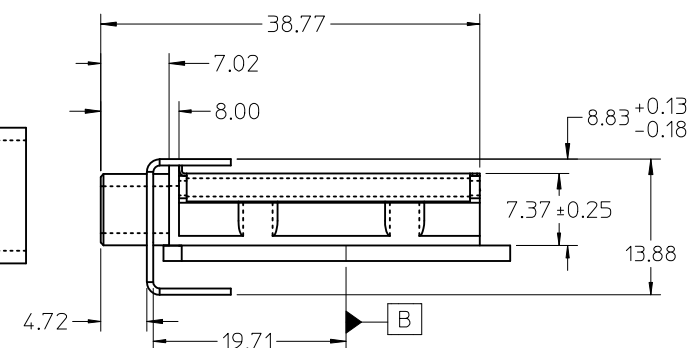
DIMENSION STYLE  
MM ONLY

| DRAWN BY | DATE       |
|----------|------------|
| JERWIN   | 2006/05/25 |

| CHECKED BY | DATE       |
|------------|------------|
| BREED      | 2006/05/25 |

| APPROVED BY | DATE       |
|-------------|------------|
| DDOYE       | 2006/05/25 |

MATERIAL NO. SEE TABLE

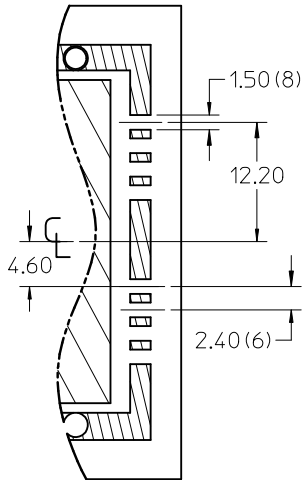


A.

|                                                                                                                        |                               |             |     |                                       |                                                                                                                                  |                            |                    |                          |                                                             |                           |  |              |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------|-----|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|--------------------------|-------------------------------------------------------------|---------------------------|--|--------------|
| DOC HISTORY ONLY<br>EC NO: USY2011-0103<br>DRAWN:SECRET 2010/01/20<br>CHKD:PSYTSWA 2010/01/20<br>APPR:DDOYE 2010/08/27 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | DESCRIPTION | REV | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>1:1             | DESIGN UNITS<br>METRIC                                      | THIRD ANGLE<br>PROJECTION |  |              |
|                                                                                                                        |                               |             |     |                                       | mm                                                                                                                               | INCH                       | DRAWN BY<br>JERWIN | DATE<br>2006/05/25       | TITLE<br>I-PASS X8 EMI<br>GUIDE HOUSING ASSEMBLY<br>W/ KEYS |                           |  |              |
|                                                                                                                        |                               |             |     | 4 PLACES ± ---                        | ± ---                                                                                                                            | CHECKED BY<br>BREED        | DATE<br>2006/05/25 |                          |                                                             |                           |  |              |
|                                                                                                                        |                               |             |     | 3 PLACES ± ---                        | ± ---                                                                                                                            | APPROVED BY<br>DDOYE       | DATE<br>2006/05/25 | MOLEX MOLEX INCORPORATED |                                                             |                           |  |              |
|                                                                                                                        |                               |             |     | 2 PLACES ± 0.05                       | ± ---                                                                                                                            | MATERIAL NO.               |                    |                          |                                                             |                           |  | DOCUMENT NO. |
|                                                                                                                        |                               |             |     | 1 PLACE ± 0.10                        | ± ---                                                                                                                            | SEE TABLE                  |                    | SD-74540-101             |                                                             | 2 OF 3                    |  |              |
|                                                                                                                        |                               |             |     | ANGULAR ±1/2°                         |                                                                                                                                  |                            |                    |                          |                                                             |                           |  |              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                             |                               |             |     | SIZE<br>B                             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                    |                          |                                                             |                           |  |              |

| MOLEX P/N | DESCRIPTION                                  | GEN   |
|-----------|----------------------------------------------|-------|
| 745400101 | 8x EMI Guide Housing Assembly - PCIe / 1 Deg | Gen 1 |
| 745400201 | 8x EMI Guide Housing Assembly - ATCA / 0 Deg | Gen 1 |

| PCB THICKNESS  | SCREW LENGTH | TORQUE(IN LBS) |
|----------------|--------------|----------------|
| 1.6 ( .063 ")  | 5MM          | 2.3            |
| 2.38 ( .093 ") | 6MM          | 2.3            |
| 3.2 ( .125 ")  | 6MM          | 2.3            |
| X              | +4MM MAX     | 2.3            |



PARTIAL1  
SCALE 2:1  
GROUND PAD ALLEY  
LAYOUT INFORMATION



|                          |  |  |             |                 |                                                            |  |                   |  |                                                                                                                               |              |                        |        |                                                                                       |  |
|--------------------------|--|--|-------------|-----------------|------------------------------------------------------------|--|-------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|--------|---------------------------------------------------------------------------------------|--|
| DOC HISTORY ONLY         |  |  | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  | DIMENSION STYLE   |  | SCALE                                                                                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION |        |                                                                                       |  |
| EC NO: USY2011-0103      |  |  |             |                 | mm                                                         |  | INCH              |  | MM ONLY                                                                                                                       |              | 1:1                    | METRIC |  |  |
| TIDRWINSECRET 2010/01/20 |  |  |             |                 | 4 PLACES ± --- ± ---                                       |  | JERWIN 2006/05/25 |  | I-PASS X8 EMI<br>GUIDE HOUSING ASSEMBLY<br>W/ KEYS                                                                            |              |                        |        |                                                                                       |  |
| CHKD:PSYISMA 2010/01/20  |  |  |             |                 | 3 PLACES ± --- ± ---                                       |  | CHECKED BY DATE   |  |                                                                                                                               |              |                        |        |                                                                                       |  |
| APPR:DDOYE 2010/08/27    |  |  |             |                 | 2 PLACES ± 0.05 ± ---                                      |  | BREED 2006/05/25  |  |                                                                                                                               |              |                        |        |                                                                                       |  |
| REV                      |  |  |             |                 | 1 PLACE ± 0.10 ± ---                                       |  | APPROVED BY DATE  |  |  MOLEX INCORPORATED                      |              |                        |        |                                                                                       |  |
|                          |  |  |             |                 | ANGULAR ± 1/2°                                             |  | DDOYE 2006/05/25  |  |                                                                                                                               |              |                        |        |                                                                                       |  |
|                          |  |  |             |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | MATERIAL NO.      |  |                                                                                                                               |              |                        |        |                                                                                       |  |
|                          |  |  |             |                 |                                                            |  | SIZE B            |  | SEE TABLE                                                                                                                     |              | SD-74540-101           |        | 3 OF 3                                                                                |  |
|                          |  |  |             |                 |                                                            |  |                   |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |        |                                                                                       |  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

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<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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