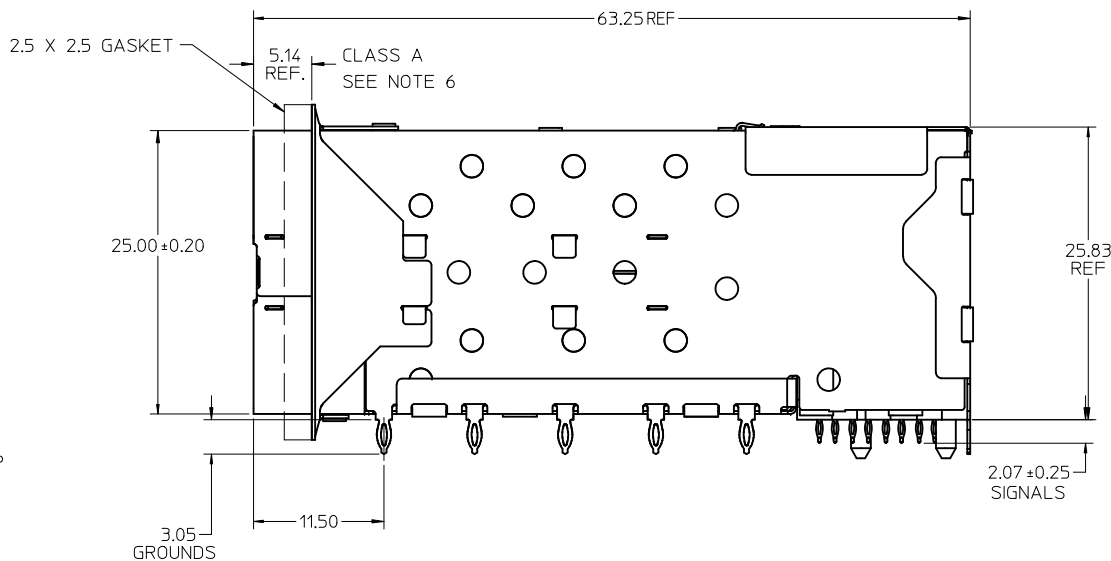
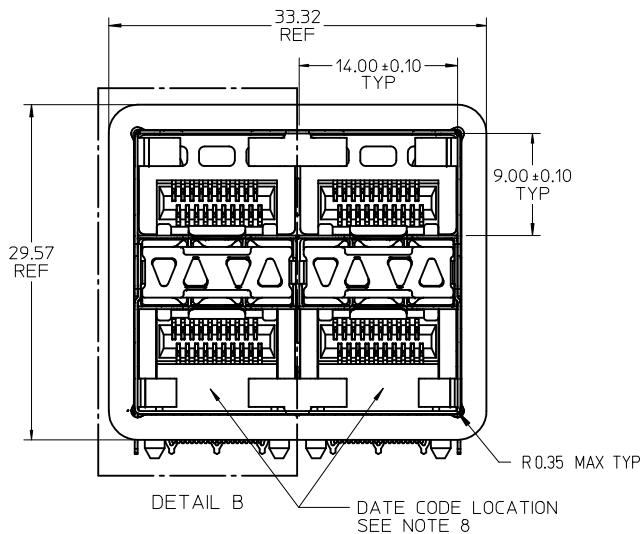




#### NOTES

##### 1. MATERIAL:

CAGE: NICKEL SILVER, THICKNESS: 0.25mm

CONNECTOR HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, COLOR: BLACK

OVERMOLD TERMINAL HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, COLOR: BLACK

TERMINALS: TIN BRASS

EMI GASKET: CONDUCTIVE ELASTOMER

LIGHTPIPE HOUSING: ZINC

LIGHTPIPES: POLYCARBONATE, COLOR: CLEAR

##### 2. FINISHES:

TERMINALS: CONTACT AREA: 0.76 MICROMETERS MINIMUM HARD GOLD OVER 1.27 MICROMETERS MINIMUM NICKEL.

COMPLIANT TAIL - MATTE TIN/LEAD OPTION: 0.76 TO 1.52 MICROMETERS 90/10 MATTE TIN-LEAD OVER 0.76 MICROMETERS MINIMUM NICKEL.

COMPLIANT TAIL - MATTE TIN OPTION: 0.76 TO 1.52 MICROMETERS MATTE TIN OVER 0.76 MICROMETERS MINIMUM NICKEL.

LIGHTPIPE HOUSING: 80 MICROMETERS MINIMUM NICKEL OVER COPPER

3. REFER TO PS-75310-001 PROTECT SPEC FOR ALL ELECTRICAL, MECHANICAL, AND ENVIRONMENTAL SPECIFICATIONS.

4. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW-PROFILE LED PACKAGE, FOR OTHER RECOMMENDED LAYOUTS REFER TO MOLEX'S REPORT TS-75310-001.

5. REFER TO PK-75714-001 FOR ALL PACKAGING SPECIFICATIONS.

6. ALL EXTERIOR SURFACES TO BE A CLASS "B" SURFACE EXCEPT THE UNDER SIDE OF THE CAGE WHERE THE PCB WOULD BE LOCATED AND AS NOTED. THE SURFACES TO CONFORM TO THE MOLEX COSMETIC DOC PS-45499-002.

7. REFER TO AS-76090-001 FOR HIGH SPEED ROUTING RECOMMENDATIONS.

8. DATE CODE LOCATION IS SHOWN ABOVE.

DATE CODE FORMAT: DDDY MX A1

DDD = DAY OF THE YEAR

Y = YEAR

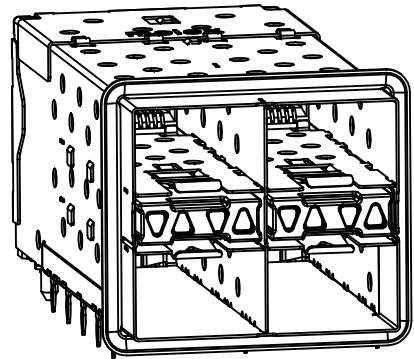
MX = MOLEX

A = ALPHA CHARACTER - INDICATES MANUFACTURING LINE

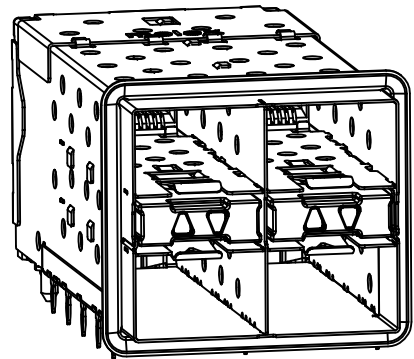
1 = NUMERIC CHARACTER - INDICATES PRODUCTION SHIFT

| PART NUMBER | DESCRIPTION   | VIEW     | COMPLIANT TAIL PLATING | CAGE PLATING |
|-------------|---------------|----------|------------------------|--------------|
| 760910001   | 4 LIGHT PORTS | SEE PG 2 | MATTE TIN / LEAD       | N/A          |
| 760910002   | INNER 2 PORTS | SEE PG 2 | MATTE TIN / LEAD       | N/A          |
| 760910003   | OUTER 2 PORTS | SEE PG 2 | MATTE TIN / LEAD       | N/A          |
| 760915001   | 4 LIGHT PORTS | SEE PG 2 | MATTE TIN              | N/A          |
| 760915002   | INNER 2 PORTS | SEE PG 2 | MATTE TIN              | N/A          |
| 760915003   | OUTER 2 PORTS | SEE PG 2 | MATTE TIN              | N/A          |

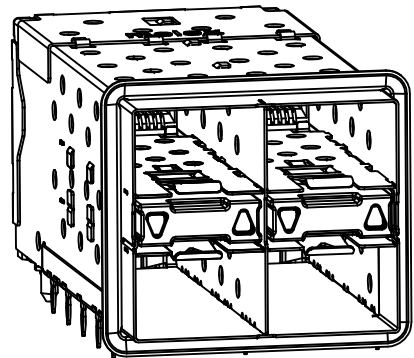
|                                                                                                                        |  |             |                                                                                                                                                                                                                                                                                  |                                       |                                                                                                                               |                            |              |                    |                                                                       |                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------|--|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|--------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--|
| ADD NOTE 7 & 8<br>EC NO: UCP2011-2594<br>DRWN: MWOLFE 2011/02/28<br>CHKD: BARKER 2011/02/28<br>APPR: MILLER 2011/09/20 |  | DESCRIPTION | QUALITY SYMBOLS                                                                                                                                                                                                                                                                  | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                               | DIMENSION STYLE<br>MM ONLY |              | SCALE<br>3:1       | DESIGN UNITS<br>METRIC                                                |  THIRD ANGLE PROJECTION |  |
|                                                                                                                        |  |             |                                                                                                                                                                                                                                                                                  | mm                                    | INCH                                                                                                                          | DRAWN BY<br>JJANTELEZIO    |              | DATE<br>01-18-2007 | TITLE<br>STACKED SFP+ 2X2 ASSY WITH ELASTOMERIC GASKET AND LIGHTPIPES |                                                                                                              |  |
|                                                                                                                        |  |             |                                                                                                                                                                                                                                                                                  |                                       |                                                                                                                               | CHECKED BY<br>MSANDBERG    |              | DATE<br>01-18-2007 |                                                                       |                                                                                                              |  |
|                                                                                                                        |  |             |                                                                                                                                                                                                                                                                                  |                                       |                                                                                                                               | APPROVED BY<br>RNELSON     |              | DATE<br>01-18-2007 | molex MOLEX INCORPORATED                                              |                                                                                                              |  |
| D                                                                                                                      |  | REV         |  =0<br> =0<br> =0 | 4 PLACES ± --- ± ---                  | MATERIAL NO.                                                                                                                  |                            | DOCUMENT NO. |                    | SHEET NO.                                                             |                                                                                                              |  |
|                                                                                                                        |  |             |                                                                                                                                                                                                                                                                                  | 3 PLACES ± --- ± ---                  | SEE TABLE                                                                                                                     |                            | SD-76091-001 |                    | 1 OF 4                                                                |                                                                                                              |  |
|                                                                                                                        |  |             |                                                                                                                                                                                                                                                                                  | 2 PLACES ± 0.13 ± ---                 |                                                                                                                               |                            |              |                    |                                                                       |                                                                                                              |  |
|                                                                                                                        |  |             | 1 PLACE ± 0.25 ± ---                                                                                                                                                                                                                                                             |                                       |                                                                                                                               |                            |              |                    |                                                                       |                                                                                                              |  |
|                                                                                                                        |  |             | ANGULAR ± 5 °                                                                                                                                                                                                                                                                    |                                       |                                                                                                                               |                            |              |                    |                                                                       |                                                                                                              |  |
|                                                                                                                        |  |             | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                             |                                       |                                                                                                                               |                            |              |                    |                                                                       |                                                                                                              |  |
|                                                                                                                        |  |             |                                                                                                                                                                                                                                                                                  | SIZE C                                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |              |                    |                                                                       |                                                                                                              |  |



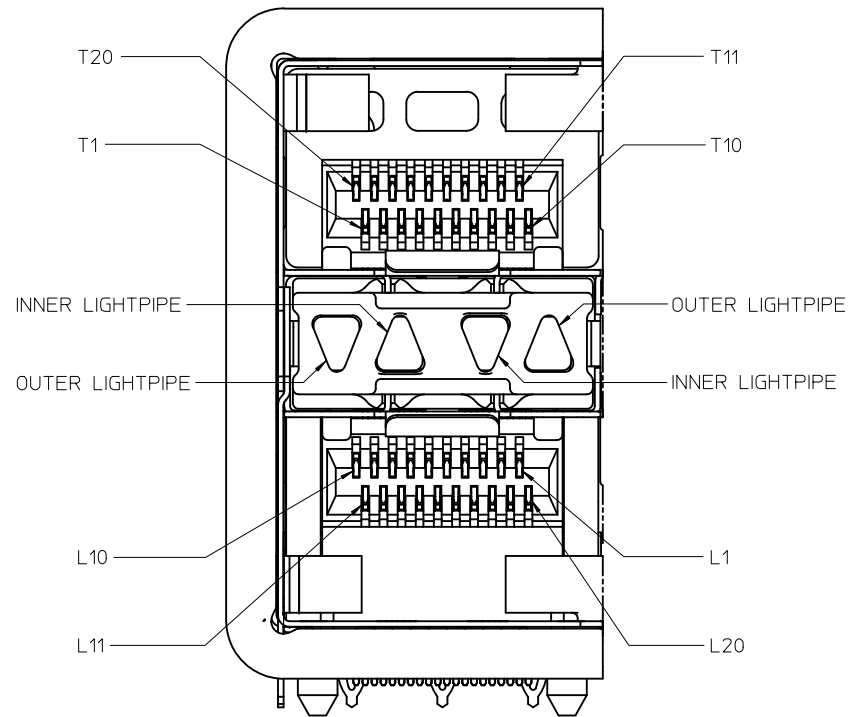
760910001 & 760915001  
WITH INNER & OUTER LIGHTPIPE PORTS



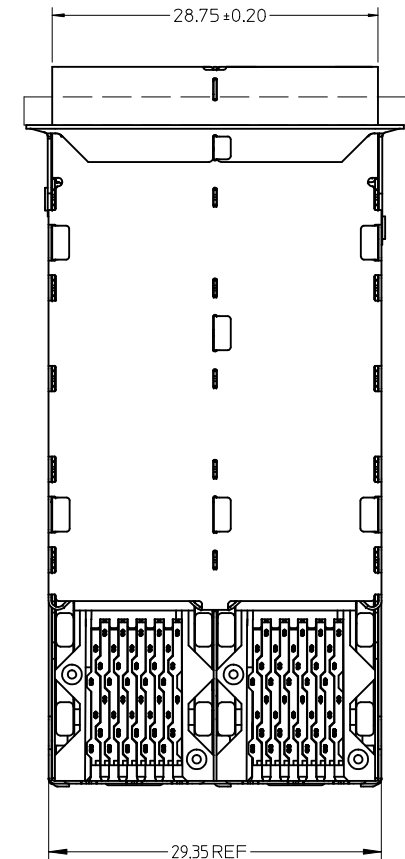
760910002 & 760915002  
WITH INNER LIGHTPIPE PORTS



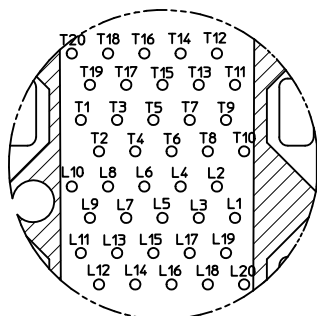
760910003 & 760915003  
WITH OUTER LIGHTPIPE PORTS



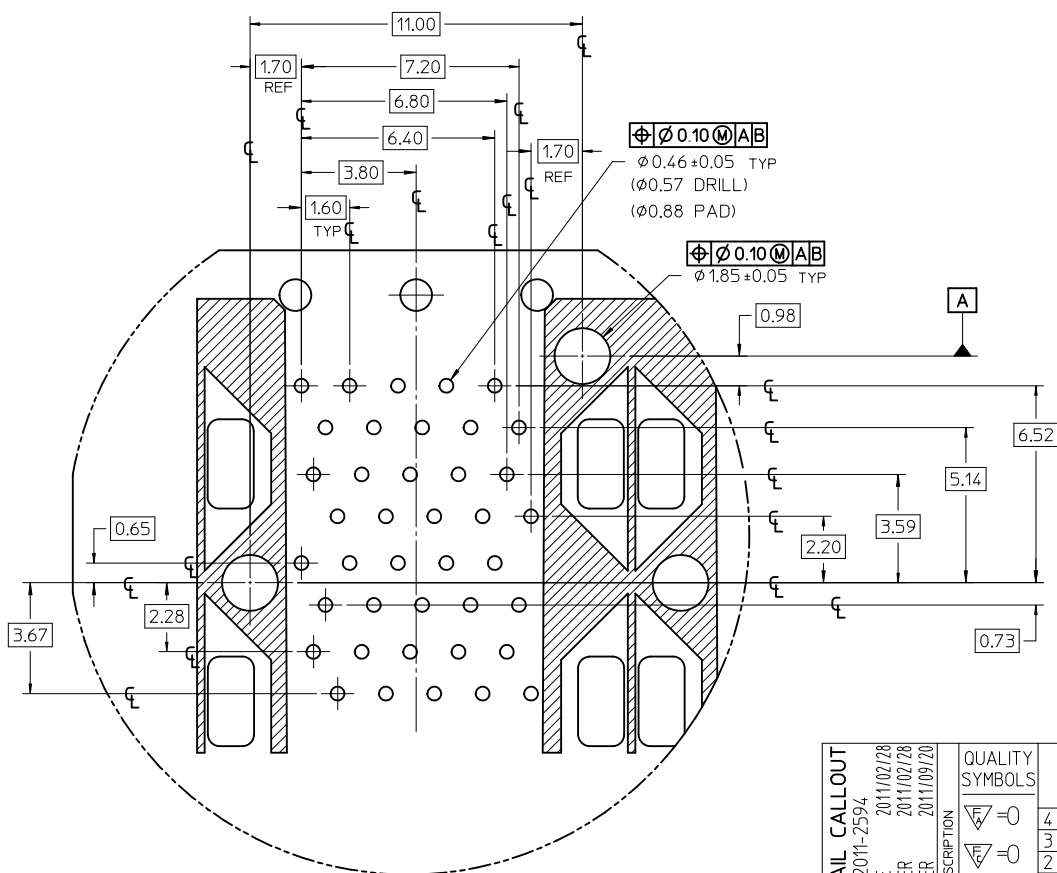
DETAIL B  
SCALE 6:1  
CIRCUIT NUMBERING  
AND LIGHTPIPE  
IDENTIFICATION



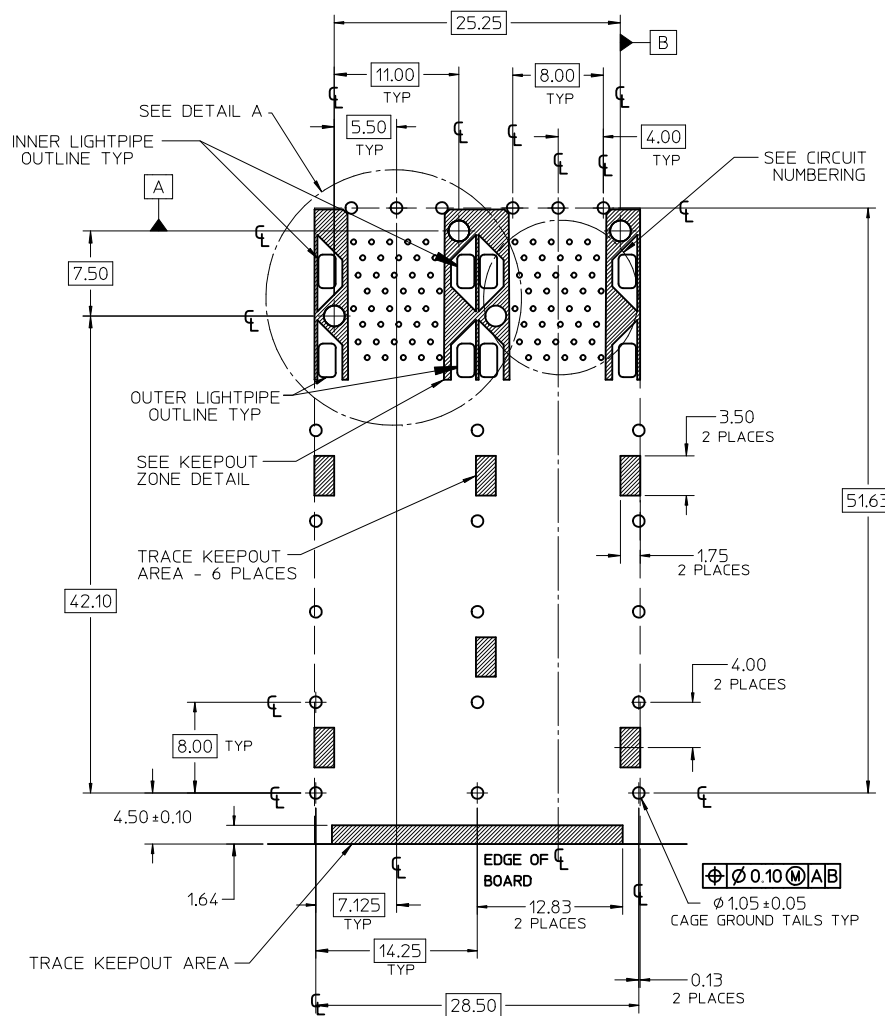
|                                                                                                                     |             |                                                                 |                                       |        |                                                            |                         |              |                        |                                                                                                                               |        |  |
|---------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|---------------------------------------|--------|------------------------------------------------------------|-------------------------|--------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------|--|
| ADD DETAIL B<br>EC NO: UCP2011-2594<br>DRWN:MMOLFE 2011/02/28<br>CHKD:BBARKER 2011/02/28<br>APPR:SMILLER 2011/09/20 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY                                 |                         | SCALE<br>3:1 | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION                                                                                                     |        |  |
|                                                                                                                     |             |                                                                 |                                       | mm     | INCH                                                       | DRAWN BY<br>JJANTELEZIO |              | DATE<br>01-18-2007     | TITLE<br>STACKED SFP+ 2X2 ASSY<br>WITH ELASTOMERIC GASKET<br>AND LIGHTPIPER                                                   |        |  |
|                                                                                                                     |             |                                                                 | 4 PLACES                              | ± ---  | ± ---                                                      | CHECKED BY<br>MSANDBERG |              | DATE<br>01-18-2007     |                                                                                                                               |        |  |
|                                                                                                                     |             |                                                                 | 3 PLACES                              | ± ---  | ± ---                                                      | APPROVED BY<br>RNELSON  |              | DATE<br>01-18-2007     | MOLEX INCORPORATED                                                                                                            |        |  |
|                                                                                                                     |             |                                                                 | 2 PLACES                              | ± 0.13 | ± ---                                                      | MATERIAL NO.            |              | DOCUMENT NO.           |                                                                                                                               |        |  |
|                                                                                                                     |             |                                                                 | 1 PLACE                               | ± 0.25 | ± ---                                                      | SEE TABLE               |              | SD-76091-001           |                                                                                                                               | 2 OF 4 |  |
|                                                                                                                     |             |                                                                 | ANGULAR ± 5 °                         |        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                         | SIZE<br>C    |                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |  |



CIRCUIT NUMBERING  
COMPONENT SIDE OF BOARD



DETAIL A  
SCALE 8:1



RECOMMENDED PCB LAYOUT - COMPONENT SIDE  
RECOMMENDED PCB THICKNESS - 2.36 MM (.093 INCH)

THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT  
TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS  
(OTHER THAN THE LIGHTPIPE LED'S)  
THIS AREA IS INDICATED BY THE DASHED LINE

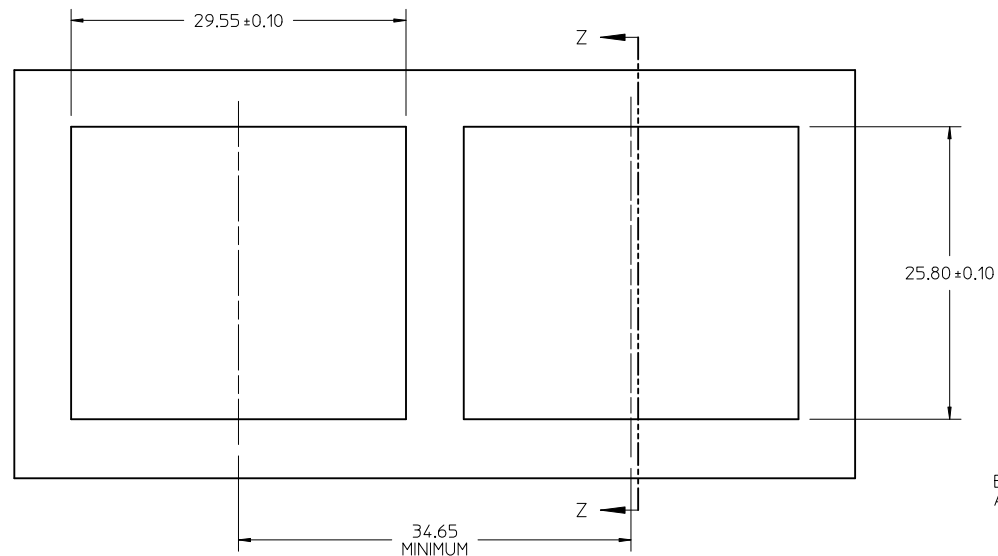
CHG DETAIL CALLOUT  
EC NO: UCP2011-2594  
DRAWN BY: DRWN:MOLFE  
CHECKED BY: CHKD:BBARKER  
APPR:SMILLER  
2011/02/28  
2011/02/28  
2011/09/20

QUALITY SYMBOLS  
▽=0  
▽=0  
▽=0  
REV

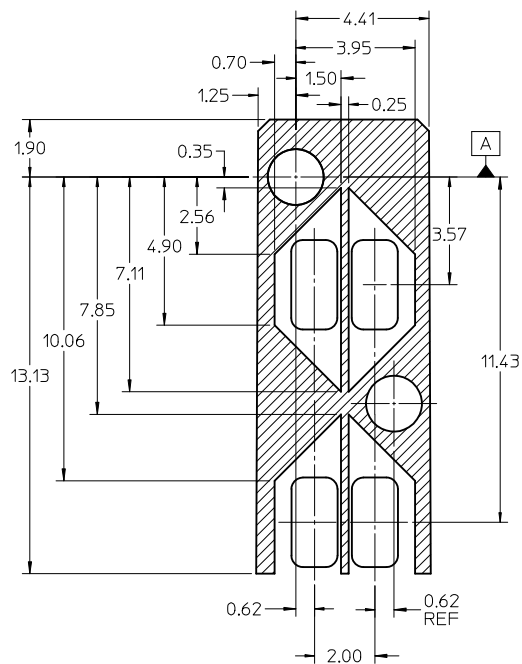
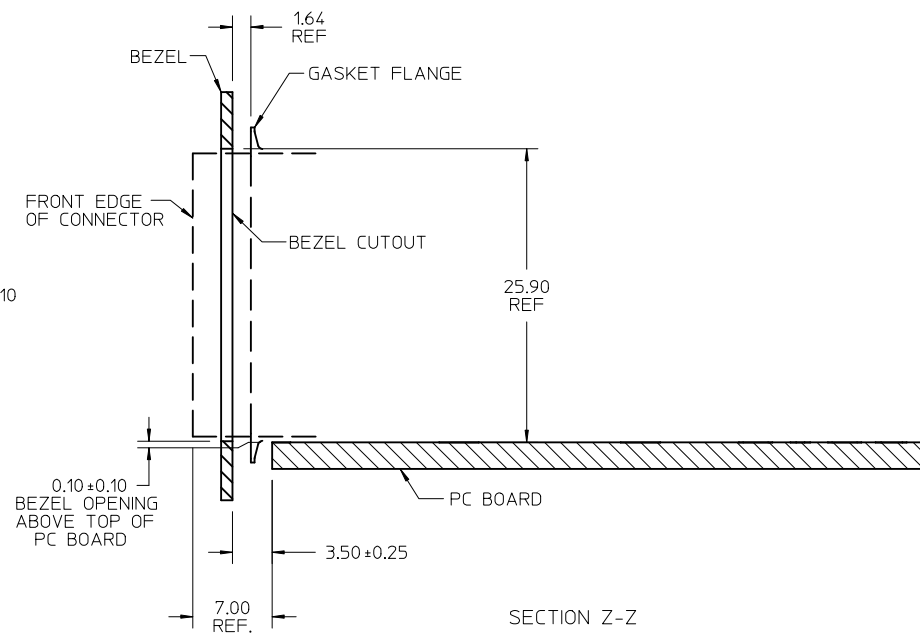
GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± ---  
2 PLACES ± 0.13 ± ---  
1 PLACE ± 0.25 ± ---  
ANGULAR ± 5 °  
DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY: JJANTELEZIO  
DATE: 01-18-2007  
CHECKED BY: MSANDBERG  
DATE: 01-18-2007  
APPROVED BY: RNELSON  
DATE: 01-18-2007  
MATERIAL NO.  
SEE TABLE  
SIZE: C

SCALE: 3:1  
DESIGN UNITS: METRIC  
THIRD ANGLE PROJECTION  
TITLE: STACKED SFP+ 2X2 ASSY  
WITH ELASTOMERIC GASKET  
AND LIGHTPIPER  
MOLEX INCORPORATED  
DOCUMENT NO.: SD-76091-001  
SHEET NO.: 3 OF 4



BEZEL CUT-OUT CENTER SPACING DETAIL  
BEZEL THICKNESS: 0.8 - 2.6



KEEPOUT ZONE DETAIL - LIGHTPIPE LOCATION AND OTHER ZONES  
SCALE 8:1

THE HATCHED AREA IN THIS VIEW INDICATES ZONES THAT ARE OCCUPIED BY THE PLASTIC HOUSING THAT SEATS AGAINST THE PCB AND BY THE VERTICAL METAL CAGE WALL THAT STOPS JUST SHORT OF THE PCB

|                                                                                                                                   |                    |                                      |                                                            |        |                                                                                                                                  |                         |              |                                                                             |                        |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------|------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------|-----------------------------------------------------------------------------|------------------------|
| ADD SECOND BEZEL CUTOUT<br>EC NO: UCP2011-2594<br>DRWN: MWOLFE 2011/02/28<br>CHKD: BBARKER 2011/02/28<br>APPR: SMILLER 2011/09/20 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY                                                                                                       |                         | SCALE<br>3:1 | DESIGN UNITS<br>METRIC                                                      | THIRD ANGLE PROJECTION |
|                                                                                                                                   |                    |                                      |                                                            | mm     | INCH                                                                                                                             | DRAWN BY<br>JJANTELEZIO |              | TITLE<br>STACKED SFP+ 2X2 ASSY<br>WITH ELASTOMERIC GASKET<br>AND LIGHTPIPES |                        |
|                                                                                                                                   |                    |                                      |                                                            |        |                                                                                                                                  | DATE<br>01-18-2007      |              |                                                                             |                        |
|                                                                                                                                   |                    |                                      |                                                            |        |                                                                                                                                  | CHECKED BY<br>MSANDBERG |              |                                                                             |                        |
| D                                                                                                                                 |                    |                                      | 4 PLACES                                                   | ± ---  | ± ---                                                                                                                            | APPROVED BY<br>RNELSON  |              | MOLEX INCORPORATED                                                          |                        |
|                                                                                                                                   |                    |                                      | 3 PLACES                                                   | ± ---  | ± ---                                                                                                                            | DATE<br>01-18-2007      |              |                                                                             |                        |
|                                                                                                                                   |                    |                                      | 2 PLACES                                                   | ± 0.13 | ± ---                                                                                                                            | MATERIAL NO.            |              |                                                                             |                        |
|                                                                                                                                   |                    |                                      | 1 PLACE                                                    | ± 0.25 | ± ---                                                                                                                            | DOCUMENT NO.            |              |                                                                             |                        |
|                                                                                                                                   |                    |                                      | ANGULAR ± 5 °                                              |        |                                                                                                                                  |                         |              |                                                                             | SHEET NO.              |
|                                                                                                                                   |                    |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE TABLE                                                                                                                        |                         | SD-76091-001 |                                                                             | 4 OF 4                 |
|                                                                                                                                   |                    |                                      | SIZE C                                                     |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                         |              |                                                                             |                        |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

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**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.