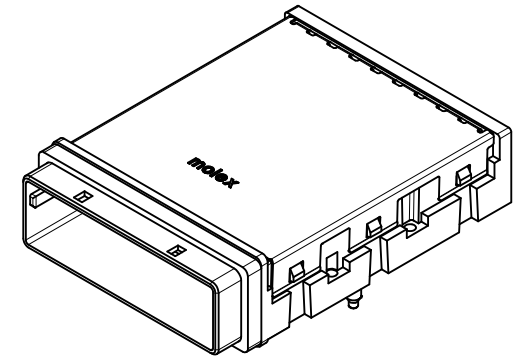
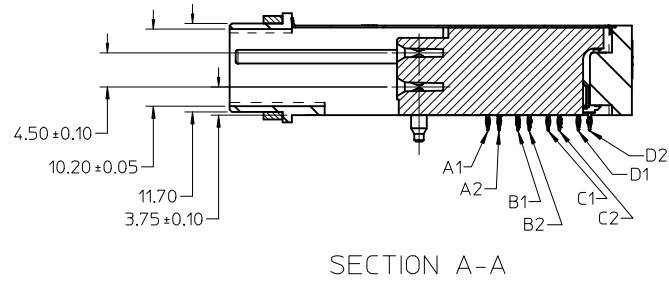
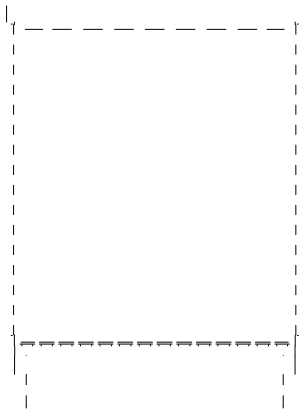
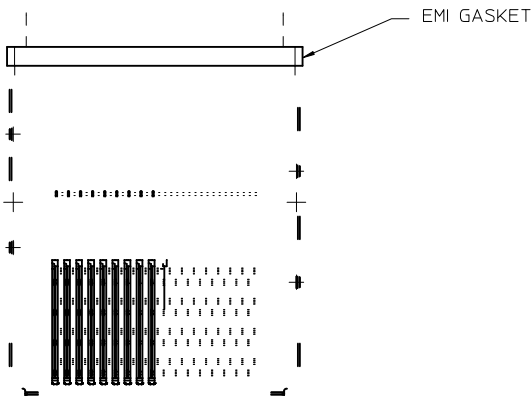
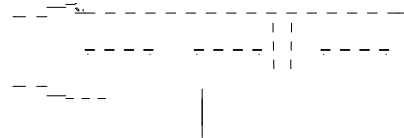
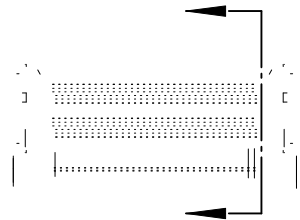


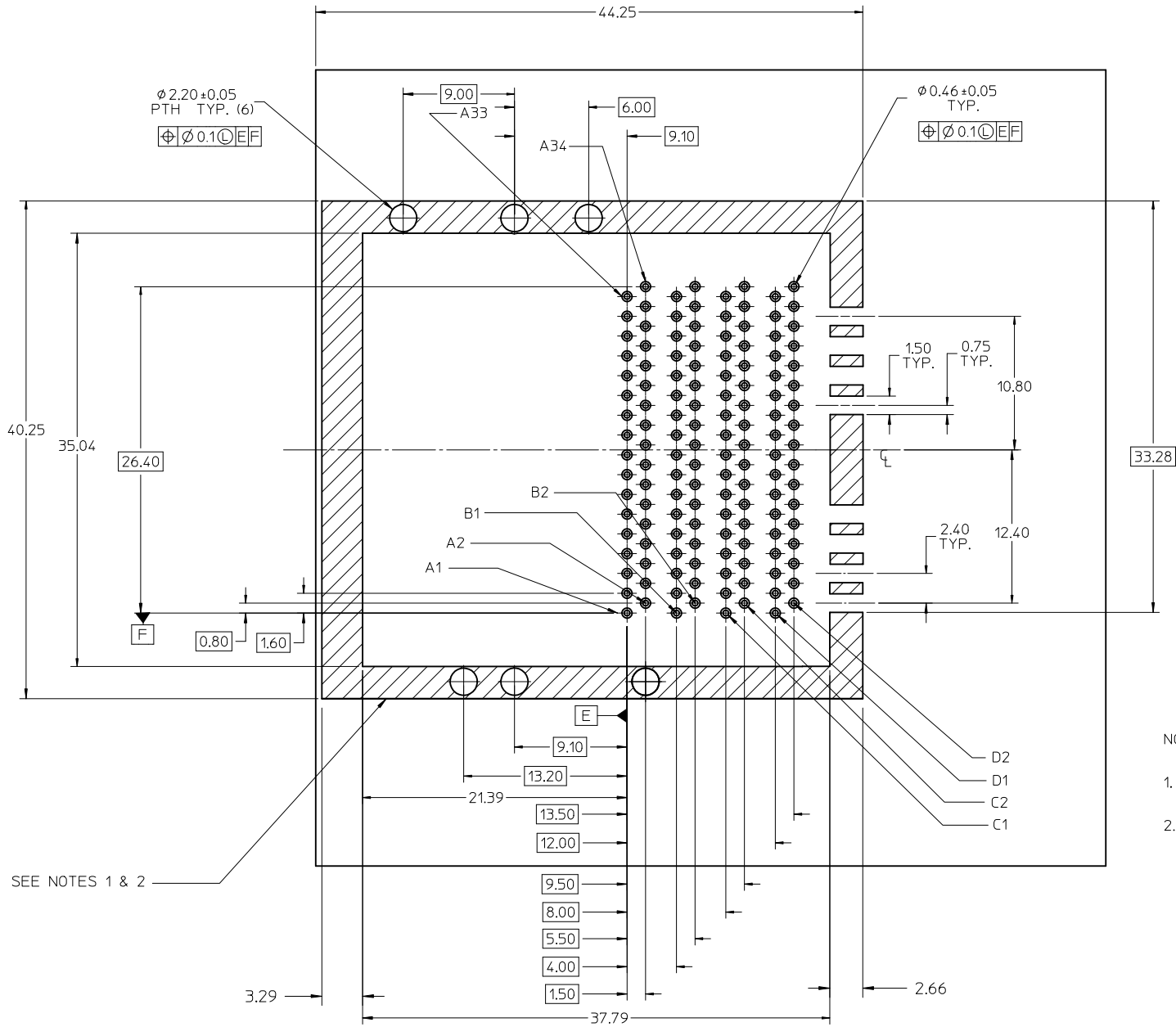


NOTES :

1. MATERIALS :  
CONNECTOR HOUSING - HIGH TEMP THERMOPLASTIC,  
GLASS FILLED, UL94V-0  
EMI HOUSING - NICKEL PLATED DIE CAST ALLOY  
COVER - STAINLESS STEEL ALLOY  
EMI GASKET - CONDUCTIVE POLYMER
2. PLATING OPTIONS :  
(A) CONTACT AREA - 0.38  $\mu\text{m}$  MIN GOLD OVER 2.54  $\mu\text{m}$  MIN NICKEL  
(B) CONTACT AREA - 0.76  $\mu\text{m}$  MIN GOLD OVER 2.54  $\mu\text{m}$  MIN NICKEL  
(C) COMPLIANT TAIL AREA - 0.76 - 1.52  $\mu\text{m}$  TIN/LEAD (90/10)  
OVER 1.27  $\mu\text{m}$  MIN NICKEL.  
(D) COMPLIANT TAIL AREA - 0.76 - 1.52  $\mu\text{m}$  TIN (90/10)  
OVER 1.27  $\mu\text{m}$  MIN NICKEL.
3. PRODUCT SPECIFICATION : PS-75586-001
4. THIS CONNECTOR IS DESIGNED TO MATE WITH MOLEX  
CABLE SERIES 74546.
5. PACKAGING SPECIFICATION : TRAY PACK PER PK-75581-001
6. MOUNTING HARDWARE REQ'D : M2x8mm CAP SCREWS (4)



| PART NUMBER | CONTACT PLATING             | COMPLIANT PLATING                |
|-------------|-----------------------------|----------------------------------|
| 75581-0001  | A - 0.38 $\mu\text{m}$ GOLD | C - 0.76-1.52 $\mu\text{m}$ SnPb |
| 75581-0002  | B - 0.76 $\mu\text{m}$ GOLD | C - 0.76-1.52 $\mu\text{m}$ SnPb |
| 75581-0008  | A - 0.38 $\mu\text{m}$ GOLD | D - 0.76-1.52 $\mu\text{m}$ Sn   |
| 75581-0009  | B - 0.76 $\mu\text{m}$ GOLD | D - 0.76-1.52 $\mu\text{m}$ Sn   |

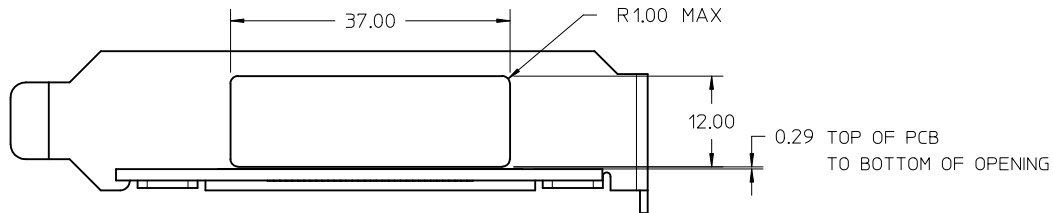


- NOTES :
- 1. CROSS HATCHED AREA TO BE CONDUCTIVE ON THE PCB.
  - 2. CROSS HATCHED AREA MUST BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING.

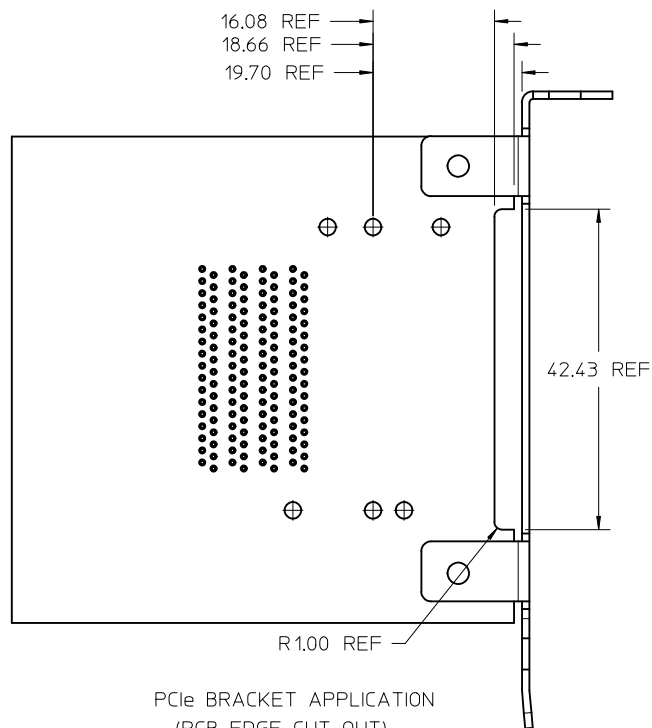
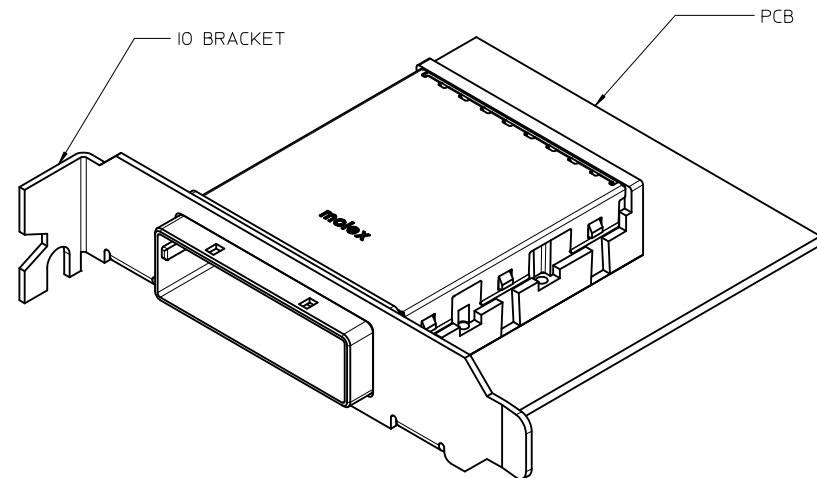
RECOMMENDED PCB LAYOUT : COMPONENT SIDE SHOWN

PCB THICKNESS : 1.35mm MIN.

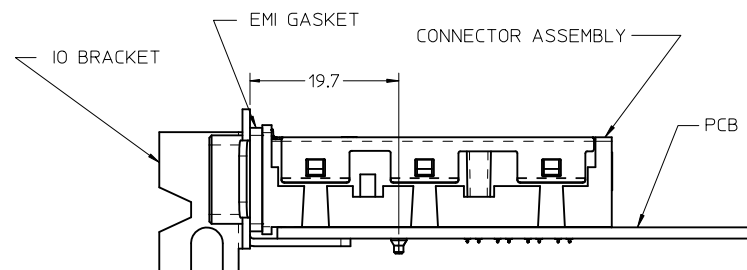
|                                                                                          |                                                  |             |                                             |                                                            |                            |                        |                  |                                                                                                                                  |                        |                     |  |
|------------------------------------------------------------------------------------------|--------------------------------------------------|-------------|---------------------------------------------|------------------------------------------------------------|----------------------------|------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------|--|
| SEE SHEET 1<br>EC NO: UCP2011-3307<br>DRAWN: KLANG<br>CHKD:<br>APPR: MBANAKIS<br>REV: H1 | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)       |                                                            | DIMENSION STYLE<br>MM ONLY |                        | SCALE<br>4:1     | DESIGN UNITS<br>METRIC                                                                                                           | THIRD ANGLE PROJECTION |                     |  |
|                                                                                          |                                                  |             | 4 PLACES<br>3 PLACES<br>2 PLACES<br>1 PLACE | mm                                                         | INCH                       | DRAWN BY<br>KREGNIER   | DATE<br>10/21/04 | TITLE<br>16X PCIE<br>I-PASS CONNECTOR FAMILY<br>0.80 MM PITCH I/O                                                                |                        |                     |  |
|                                                                                          |                                                  |             |                                             | mm                                                         | INCH                       | CHECKED BY             | DATE             |                                                                                                                                  |                        |                     |  |
|                                                                                          |                                                  |             |                                             | ANGULAR ±1/2°                                              |                            | APPROVED BY<br>RNELSON | DATE<br>10/28/04 |                                                                                                                                  |                        |                     |  |
|                                                                                          |                                                  |             |                                             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                            | MATERIAL NO.           |                  | DOCUMENT NO.<br>SD-75581-001                                                                                                     |                        | SHEET NO.<br>2 OF 3 |  |
|                                                                                          |                                                  |             |                                             |                                                            |                            | SIZE<br>C              |                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                     |  |



IO BRACKET CUT-OUT  
(NOT SUPPLIED)



PCIe BRACKET APPLICATION  
(PCB EDGE CUT OUT)



ASSEMBLED VIEW

|                                                                                                                                                             |             |                                                                                                                               |                                       |              |                            |  |                  |                                                                   |                                                                                                              |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------|----------------------------|--|------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------|
| <div>SEE SHEET 1</div> <div>EC NO: UCP2011-3307</div> <div>DRWN: KLANG 2011/04/26</div> <div>CHKD:</div> <div>APPR: MBANAKIS 2011/07/06</div> <div>H1</div> | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div>                                                                              | GENERAL TOLERANCES (UNLESS SPECIFIED) |              | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>2:1     | DESIGN UNITS<br>METRIC                                            |  THIRD ANGLE PROJECTION |           |
|                                                                                                                                                             |             |                                                                                                                               | <div>mm</div> <div>INCH</div>         |              | DRAWN BY<br>KREGNIER       |  | DATE<br>10/21/04 | TITLE<br>16X PCIE<br>I-PASS CONNECTOR FAMILY<br>0.80 MM PITCH I/O |                                                                                                              |           |
|                                                                                                                                                             |             |                                                                                                                               |                                       |              | CHECKED BY                 |  | DATE             |                                                                   |                                                                                                              |           |
|                                                                                                                                                             |             |                                                                                                                               |                                       |              | APPROVED BY<br>RNELSON     |  | DATE<br>10/28/04 |                                                                   |                                                                                                              |           |
|                                                                                                                                                             |             |                                                                                                                               | ANGULAR ±1/2°                         |              | MATERIAL NO.               |  | DOCUMENT NO.     |                                                                   |                                                                                                              | SHEET NO. |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                        |             | SEE CHART                                                                                                                     |                                       | SD-75581-001 |                            |  | 3 OF 3           |                                                                   |                                                                                                              |           |
| SIZE C                                                                                                                                                      |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |              |                            |  |                  |                                                                   |                                                                                                              |           |