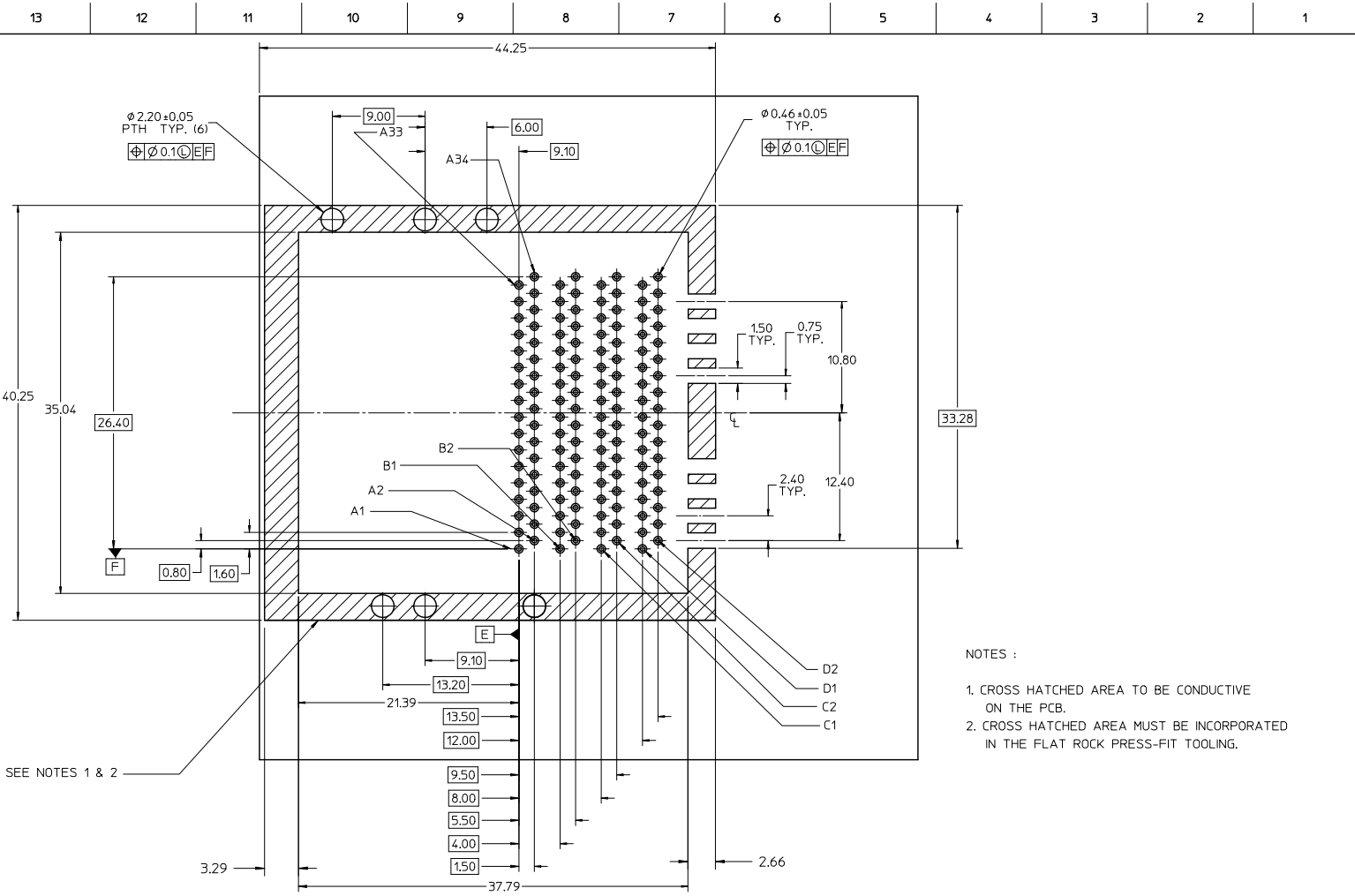


- NOTES :
- MATERIALS :  
CONNECTOR HOUSING - HIGH TEMP THERMOPLASTIC, GLASS FILLED, UL94V-0  
EMI HOUSING - NICKEL PLATED DIE CAST ALLOY  
COVER - STAINLESS STEEL ALLOY  
EMI GASKET - CONDUCTIVE POLYMER
  - PLATING OPTIONS :  
(A) CONTACT AREA - 0.38µm MIN GOLD OVER 2.54 µm MIN NICKEL  
(B) CONTACT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

PART NUMBER	CONTACT PLATING	COMPLIANT PLATING
75581-0001	A - 0.38µm GOLD	C - 0.76-1.52µm SnPb
75581-0002	B - 0.76µm GOLD	C - 0.76-1.52µm SnPb
75581-0008	A - 0.38µm GOLD	D - 0.76-1.52µm Sn
75581-0009	B - 0.76µm GOLD	D - 0.76-1.52µm Sn

REVISE COVER EC NO: LUP2011-0374 DRW: DRINKLANG 2010/08/18 CHKD: JHPCD APPR: MBANKS 2010/12/15 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.13</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.13	±---	1 PLACE	±0.25	±---	MM ONLY	2:1	METRIC	
		mm	INCH																		
	4 PLACES	±---	±---																		
3 PLACES	±---	±---																			
2 PLACES	±0.13	±---																			
1 PLACE	±0.25	±---																			
	ANGULAR ±1/2°																				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART																			
			DRAWN BY: KREGNIER DATE: 10/21/04																		
			CHECKED BY: DATE:																		
			APPROVED BY: RNELSON DATE: 10/28/04																		
			MATERIAL NO. SD-75581-001																		
			DOCUMENT NO. SD-75581-001																		
						SHEET NO. 1 OF 3															

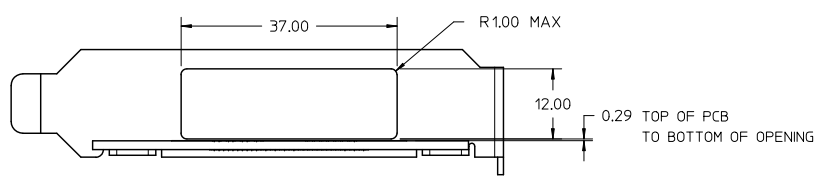
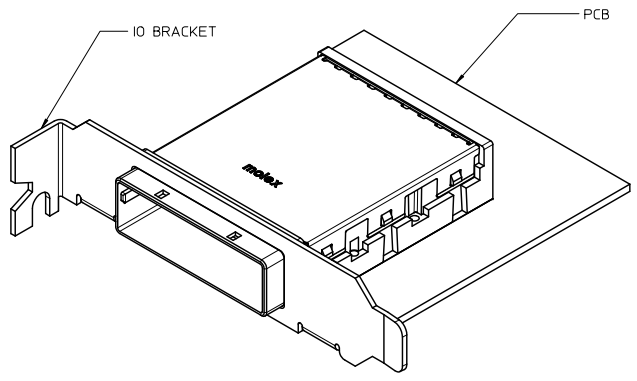
16X PCIE  
I-PASS CONNECTOR FAMILY  
0.80 MM PITCH I/O  
moLEX MOLEX INCORPORATED



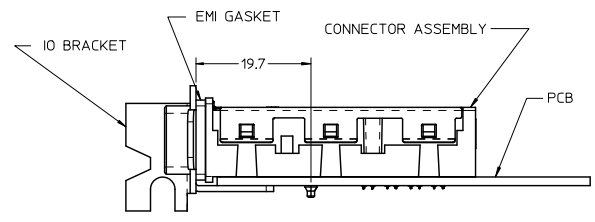
- NOTES :
- CROSS HATCHED AREA TO BE CONDUCTIVE ON THE PCB.
  - CROSS HATCHED AREA MUST BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING.

RECOMMENDED PCB LAYOUT : COMPONENT SIDE SHOWN  
 PCB THICKNESS : 1.35mm MIN.

SEE SHEET 1 EC NO. UEP2011-0374 DRINKLANG 2010/08/18 CHKD. APPR:MBANKIS 2010/12/15 DESCRIPTION (REV)	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla F=0$	mm INCH	MM ONLY	4:1	METRIC		
	$\nabla E=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± ---	DRAWN BY DATE KREGNIER 10/21/04 CHECKED BY DATE	TITLE	16X PCIe I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O		
		ANGULAR ± 1/2°	APPROVED BY DATE RNELSON 10/28/04	MATERIAL NO.	DOCUMENT NO.	MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		SIZE C	SHEET NO. 2 OF 3				



IO BRACKET CUT-OUT  
(NOT SUPPLIED)



ASSEMBLED VIEW

SEE SHEET 1 IEC NO. UCP2011-0374 DRAWN BY DRINKLANG 2010/08/18 CHKD: APPR:RIBANKI S 2010/12/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.13 ±--- 1 PLACE ±0.25 ±--- ANGULAR ±1/2°	MM ONLY	2:1	METRIC	
	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE	TITLE		
	REV		KREGNIER 10/21/04	16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O		
			CHECKED BY DATE	MOLEX INCORPORATED		
			APPROVED BY DATE	DOCUMENT NO.		
			RNELSON 10/28/04	SD-75581-001		
			MATERIAL NO.	SHEET NO.		
			SEE CHART	3 OF 3		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			