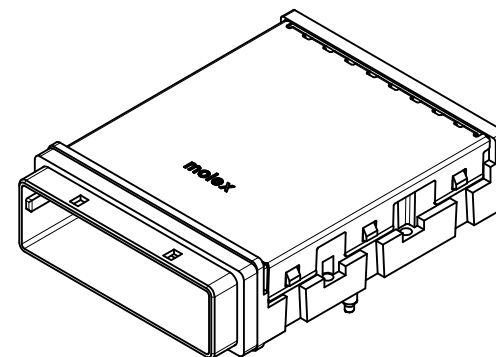
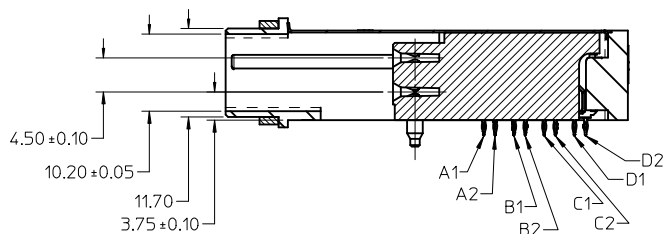
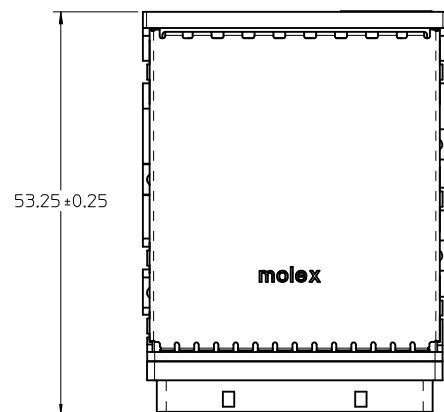
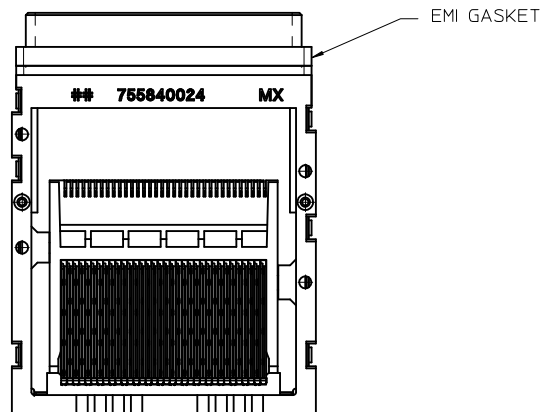
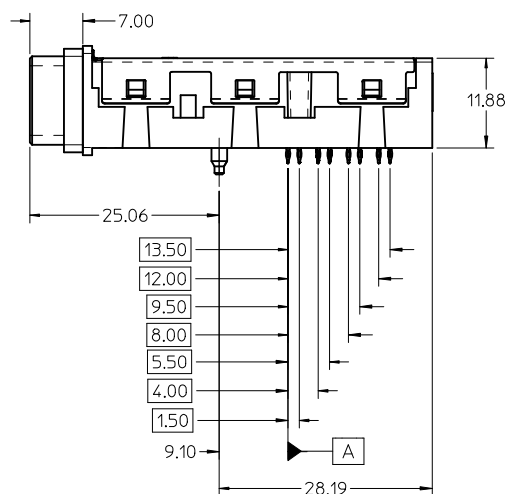
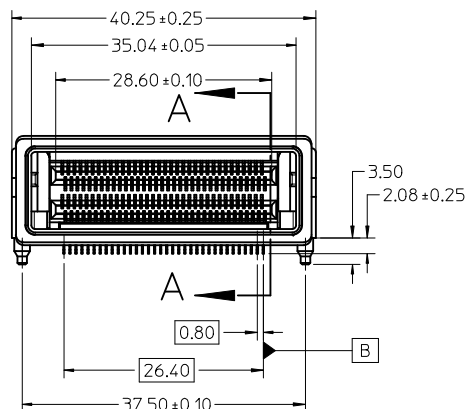




SECTION A-A

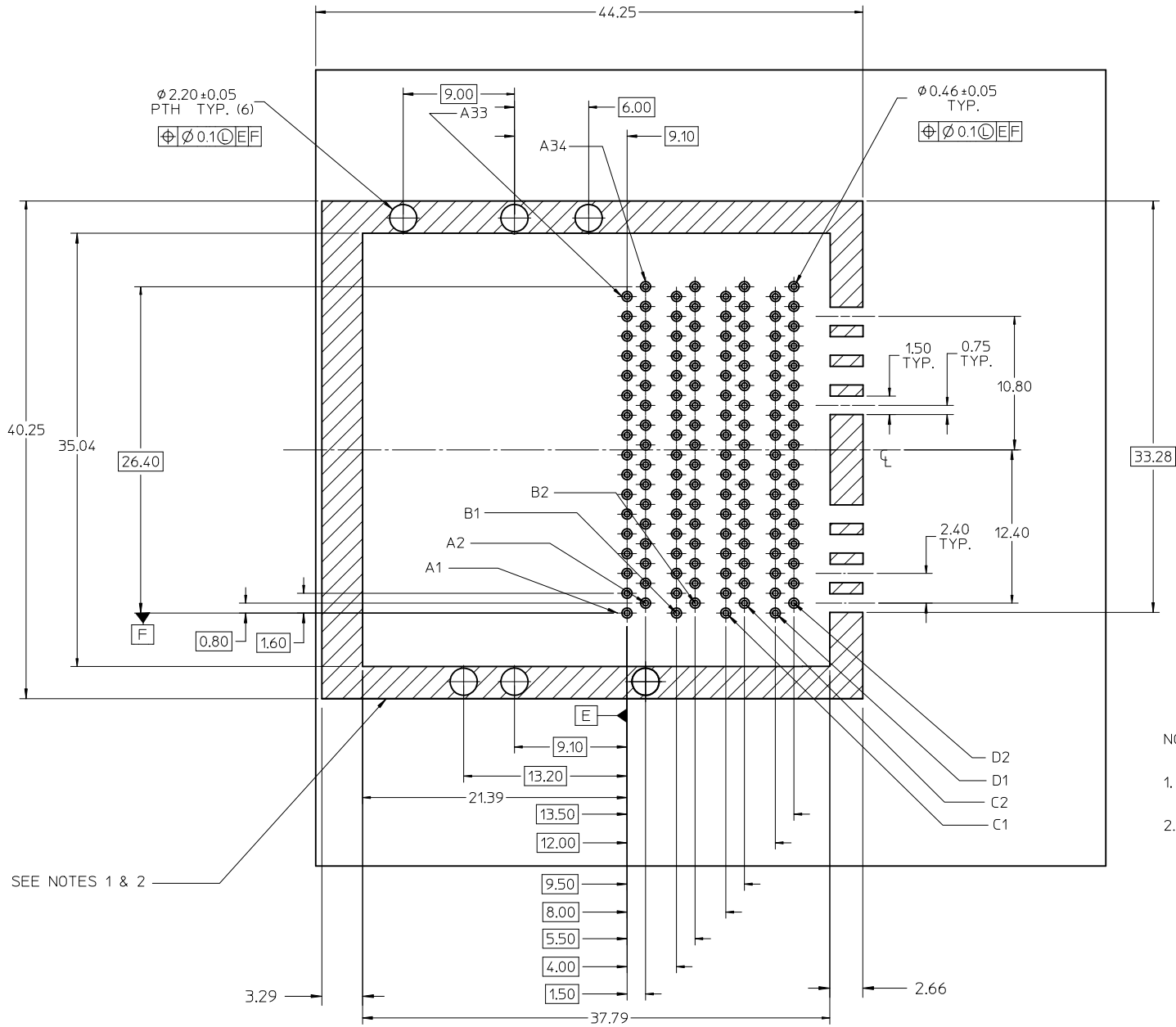
NOTES :

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 - 0.38μm 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.
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 μ m GOLD	C - 0.76-1.52 μ m SnPb
75581-0002	B - 0.76 μ m GOLD	C - 0.76-1.52 μ m SnPb
75581-0008	A - 0.38 μ m GOLD	D - 0.76-1.52 μ m Sn
75581-0009	B - 0.76 μ m GOLD	D - 0.76-1.52 μ m Sn

#0.25 WAS #0.13 EC NO: UCP2011-3307 DRWKNGLANG 2011/04/26 CHKD: APPR: MBANKUS 2011/07/06	DESCRIPTION	QUALITY SYMBOLS F_{√e}=0 F_{√e}=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY KREGNIER	DATE 10/21/04	TITLE 16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O	MOLEX MOLEX INCORPORATED	SHEET NO. 1 OF 3
			4 PLACES	± ---	± ---	CHECKED BY	DATE			
			3 PLACES	± ---	± ---	APPROVED BY	DATE			
			2 PLACES	± 0.13	± ---	RNELSON	10/28/04			
			1 PLACE	± 0.25	± ---	ANGULAR ±1/2°		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75581-001	
H1	REV		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				



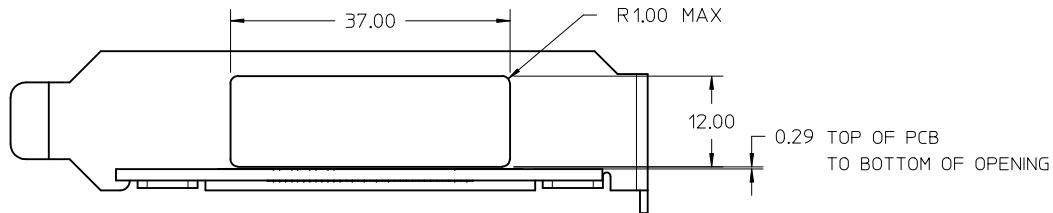
- NOTES :
- 1. CROSS HATCHED AREA TO BE CONDUCTIVE ON THE PCB.
 - 2. CROSS HATCHED AREA MUST BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING.

RECOMMENDED PCB LAYOUT : COMPONENT SIDE SHOWN

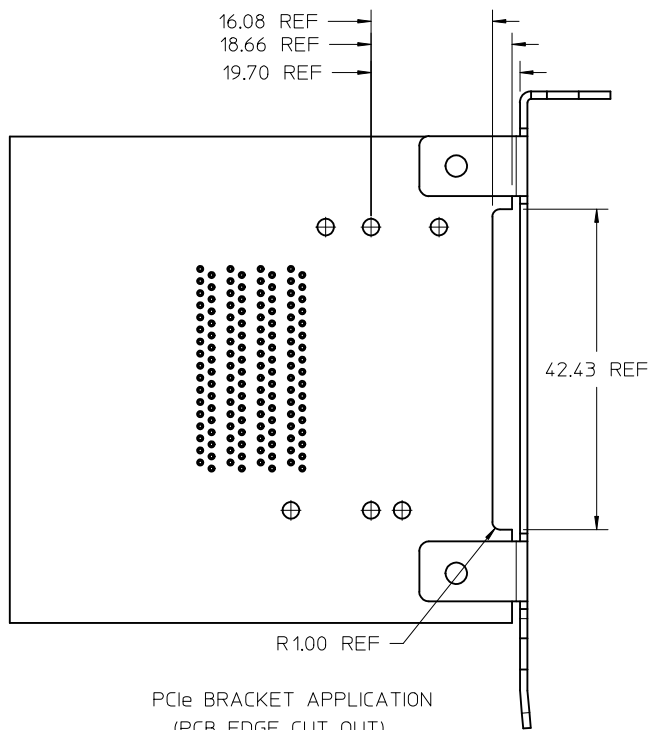
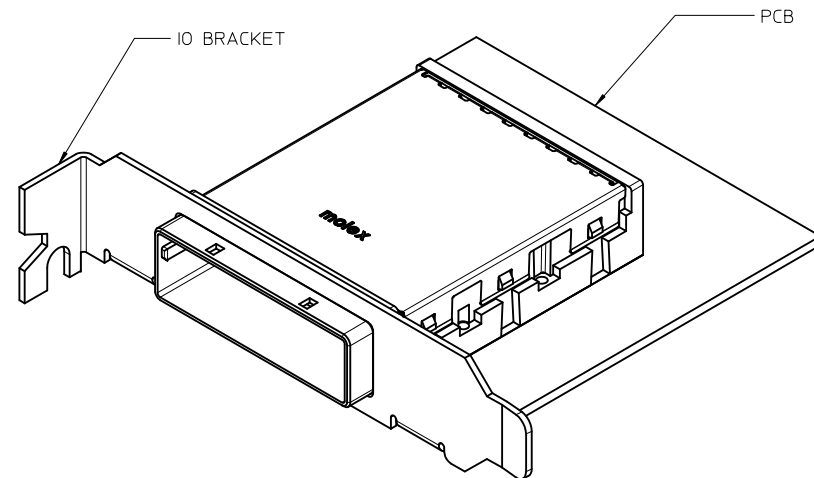
PCB THICKNESS : 1.35mm MIN.

SEE SHEET 1 EC NO: UCP2011-3307 DRAWN: KLANG CHKD: APPR: MBANAKIS REV: H1	QUALITY SYMBOLS F=0 E=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE 16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O  MOLEX INCORPORATED	DOCUMENT NO. SD-75581-001	SHEET NO. 2 OF 3				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY KREGNIER	DATE 10/21/04	MATERIAL NO.					DATE 10/28/04			
				4 PLACES	± ---	± ---	CHECKED BY	DATE					APPROVED BY		DATE	
				2 PLACES	± ---	± ---							RNELSON		10/28/04	
				3 PLACES	± 0.13	± ---										
				1 PLACE	± 0.25	± ---										
ANGULAR ±1/2°																

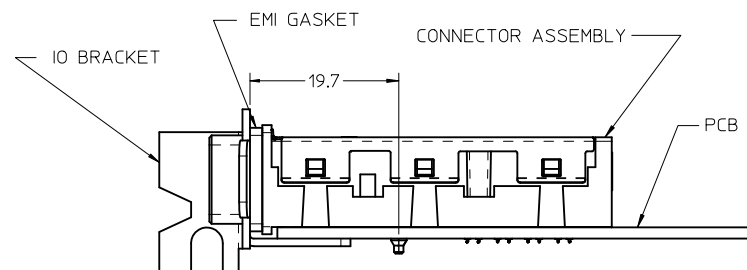
SEE CHART										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
-----------	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--



IO BRACKET CUT-OUT
(NOT SUPPLIED)



PCIe BRACKET APPLICATION
(PCB EDGE CUT OUT)



ASSEMBLED VIEW

SEE SHEET 1 EC NO: UCP2011-3307 DRWN: KLANG 2011/04/26 CHKD: MBANAKIS APPR: MBANAKIS 2011/07/06	H1	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
				 =0  =0		mm	INCH	DRAWN BY KREGNIER	DATE 10/21/04	TITLE 16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O	 MOLEX INCORPORATED	SHEET NO. 3 OF 3	
					4 PLACES	± .---	± .---	CHECKED BY	DATE				
					3 PLACES	± .---	± .---						
					2 PLACES	± 0.13	± .---						
					1 PLACE	± 0.25	± .---						
							ANGULAR ±1/2°	APPROVED BY RNELSON	DATE 10/28/04				
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.				
								SEE CHART	SD-75581-001				
								SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				