

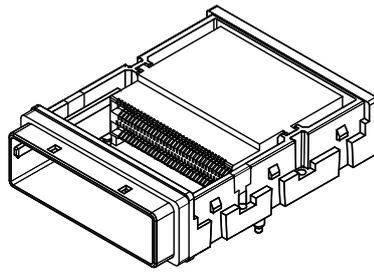
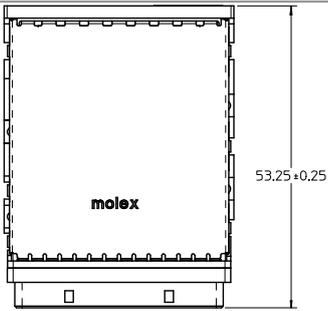
## Excellent Integrated System Limited

Stocking Distributor

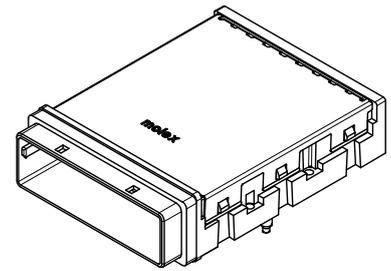
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0755810009](#)

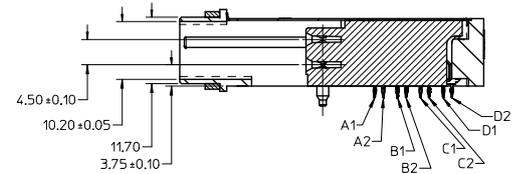
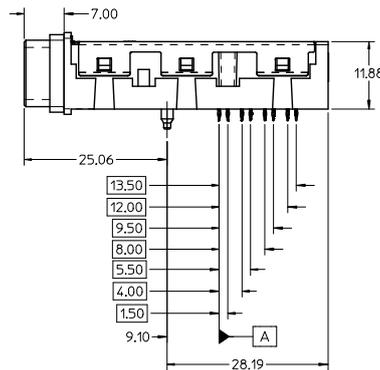
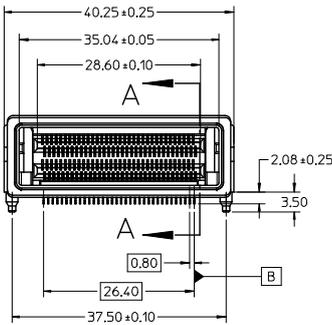
For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



NO COVER OPTION



COVER OPTION



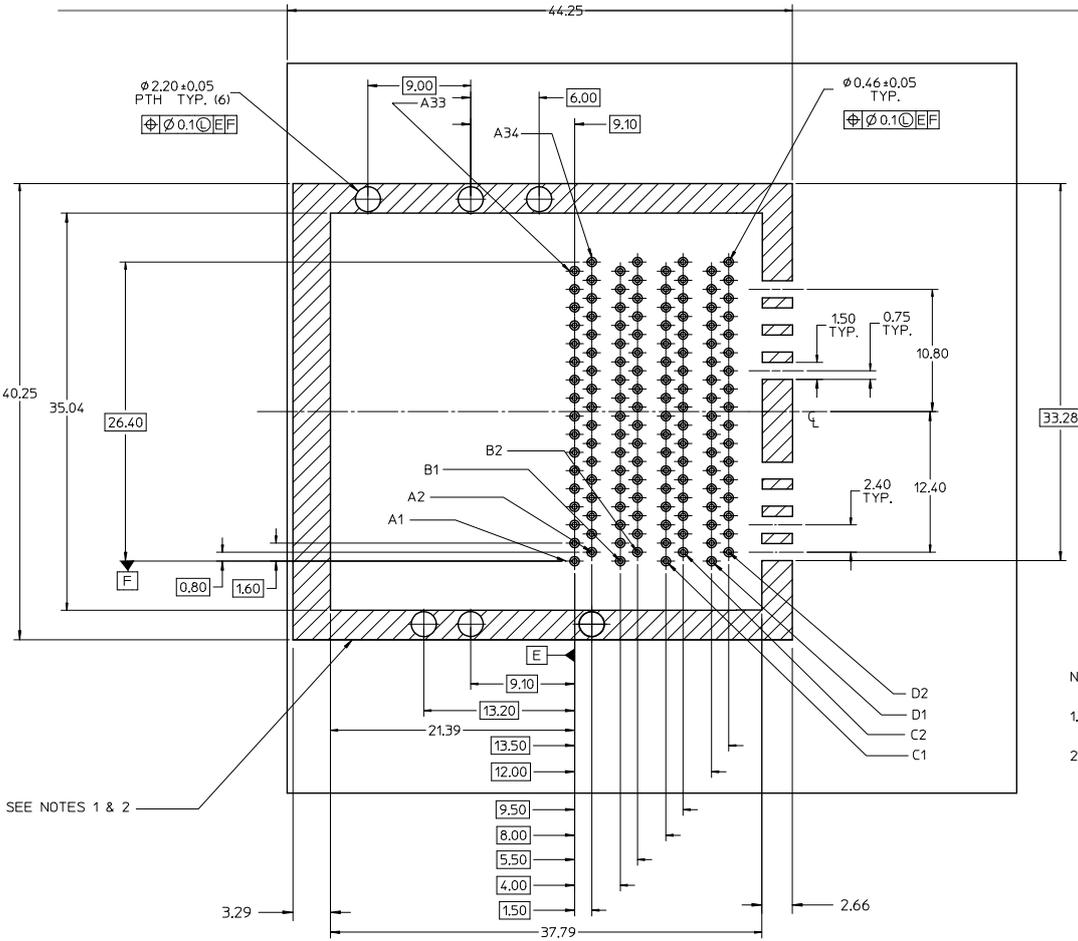
SECTION A-A

NOTES :

- MATERIALS:**  
CONNECTOR HOUSING - HIGH TEMP THERMOPLASTIC, GLASS FILLED, UL94V-0  
EMI HOUSING - NICKEL PLATED DIE CAST ALLOY  
COVER - STAINLESS STEEL ALLOY  
EMI GASKET - SEE CHART
- PLATING OPTIONS:**  
(A) CONTACT AREA - 0.38µm MIN GOLD OVER 2.54 µm MIN NICKEL  
COMPLIANT TAIL AREA - 0.76 - 1.52 µm TIN  
OVER 1.27 µm MIN NICKEL.  
(B) CONTACT AREA - 0.76µm MIN GOLD OVER 2.54 µm MIN NICKEL  
COMPLIANT TAIL AREA - 0.76 - 1.52 µm TIN  
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	PLATING OPTION	GASKET TYPE	COVER OPTION
75581-0008	A	CONDUCTIVE POLYMER	YES
75581-0009	B	CONDUCTIVE POLYMER	YES
75581-0018	A	UL 94V-0	YES
75581-0019	B	UL 94V-0	YES
75581-0020	A	UL 94V-0	NO
75581-0021	B	UL 94V-0	NO

ADD P/N UL94V0 EC NO: UCP2014-5033 DRAWN: MCLELL 2014/05/30 CHECK: MCLELL AND 2014/06/03 APPROVED: BAWKAT 2014/06/05 DESCRIPTION REV H3	QUALITY SYMBOLS = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY DRAWN BY KREGNIER DATE 10/21/04 CHECKED BY DATE APPROVED BY RNELSON DATE 10/28/04	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O MOLEX INCORPORATED	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75581-001	SHEET NO. 1 OF 3
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
	SIZE C							



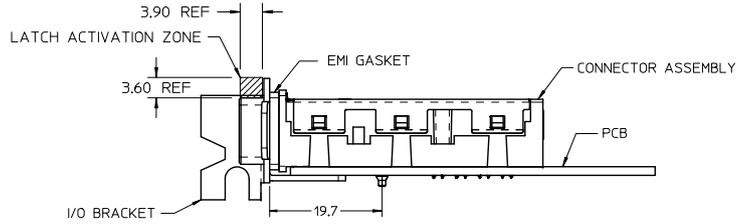
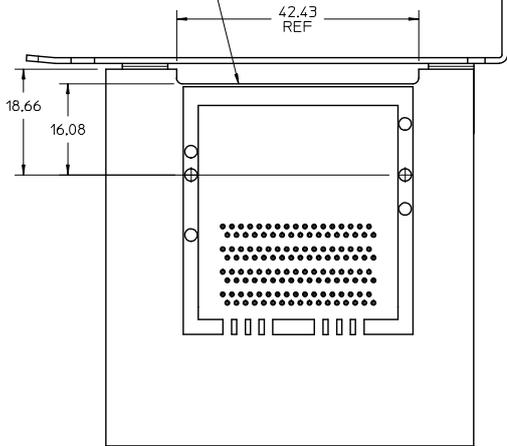
- NOTES :
- CROSS HATCHED AREA TO BE CONDUCTIVE ON THE PCB.
  - CROSS HATCHED AREA MUST BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING.

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

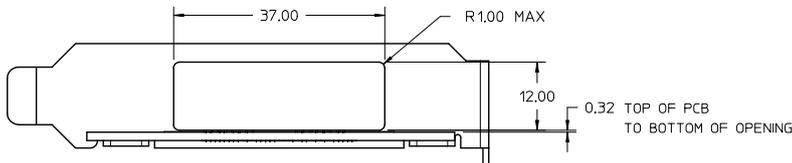
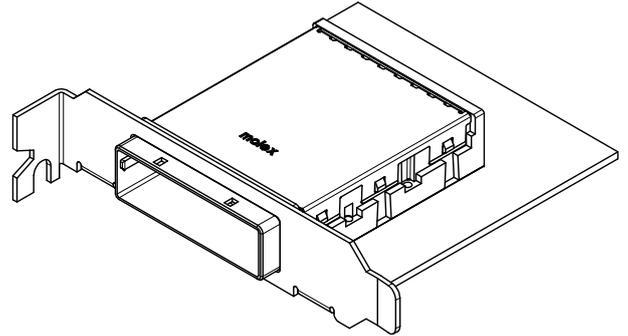
SEE SHEET 1 EC NO: UCP2014-5033 DRAWN BY: MCLELL 2014/05/30 CHECKED BY: MCLELLAND 2014/06/03 APPROVED BY: BANAKIS 2014/06/05 H3 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	MM ONLY	4:1	METRIC	DRAWN BY: KREGNIER DATE: 10/21/04 CHECKED BY: DATE: APPROVED BY: RNELSON DATE: 10/28/04 MATERIAL NO.: DOCUMENT NO.: SD-75581-001 SHEET NO.: 2 OF 3
	TITLE: 16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O 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					

13 12 11 10 9 8 7 6 5 4 3 2 1

PCle PCB APPLICATION  
PCB EDGE CUT OUT



ASSEMBLED VIEW



I/O BRACKET CUT-OUT  
(NOT SUPPLIED)

SEE SHEET 1 EC NO: UCP204-5033 DRAWN BY: 2014/05/30 CHKD: MCLELLAND 2014/06/03 APPROV: BANKS 2014/06/05 DESCRIPTION:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	MM ONLY	2:1	METRIC	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART			16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O
						MOLEX INCORPORATED
						SD-75581-001
						3 OF 3

12 11 10 9 8 7 6 5 4 3 2 1