



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



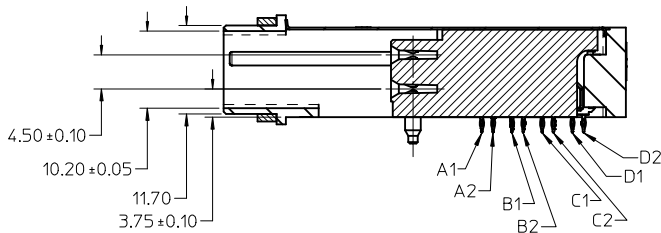
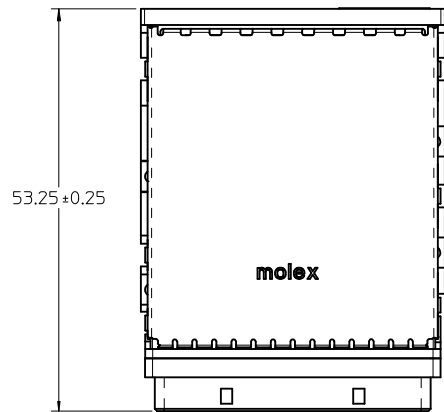
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

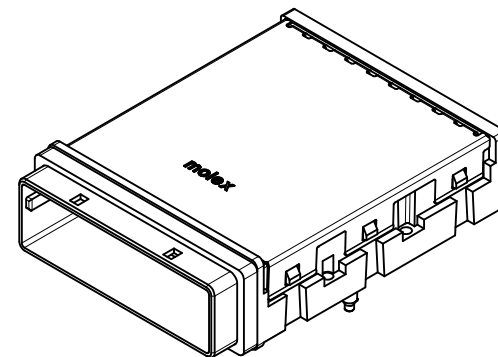
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



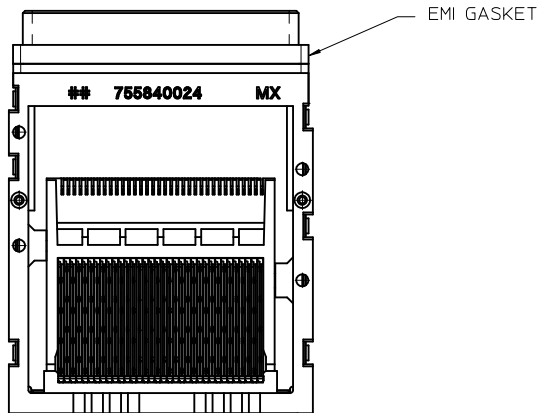
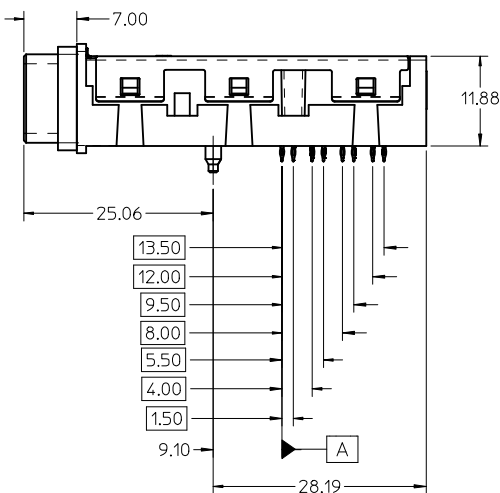
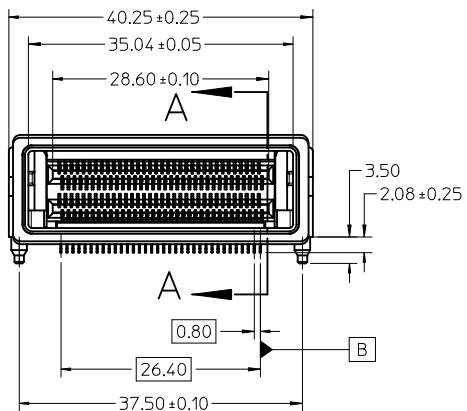


SECTION A-A



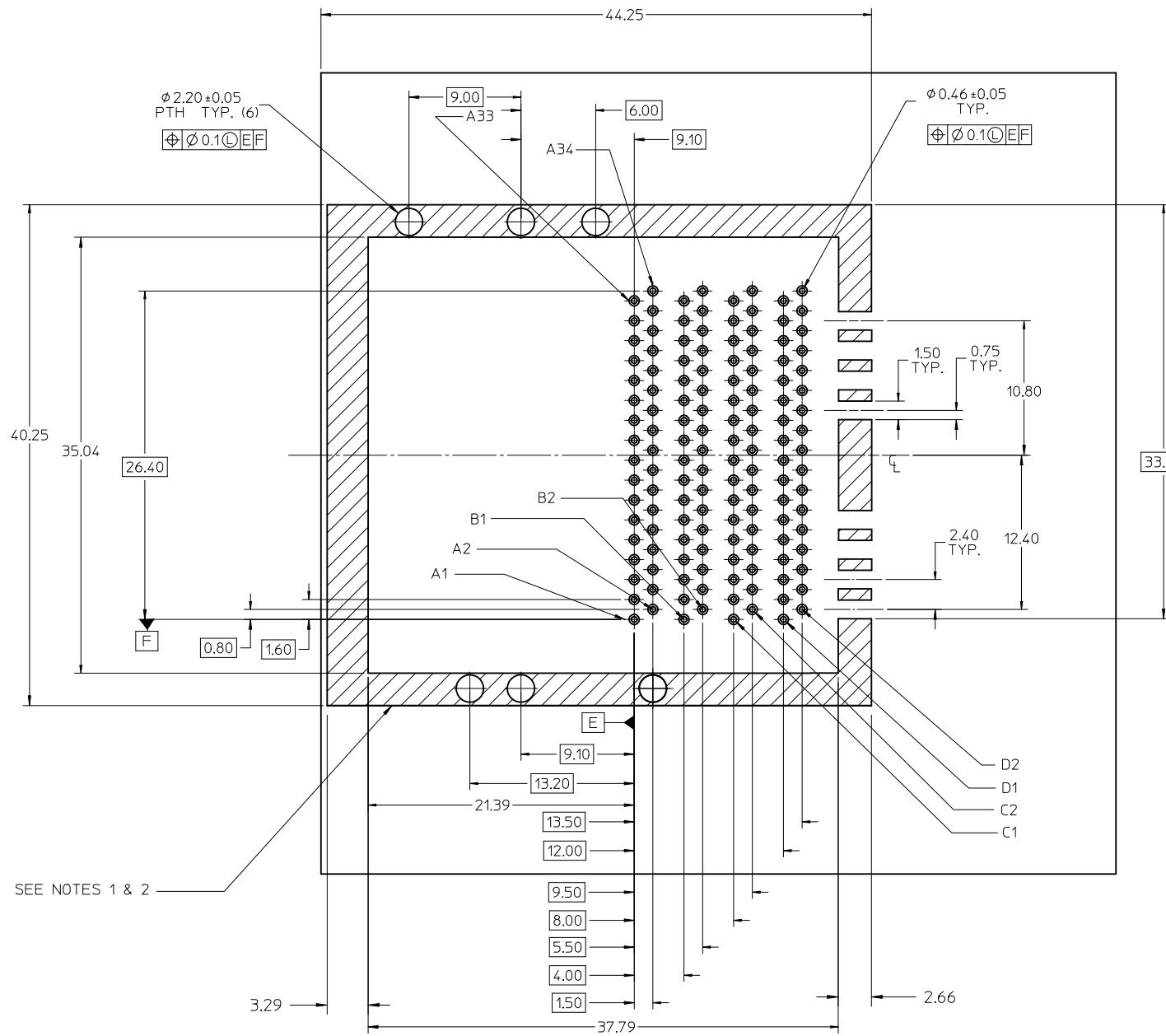
NOTES :

- MATERIALS :  
CONNECTOR HOUSING - HIGH TEMP THERMOPLASTIC, GLASS FILLED, UL94V-0  
EMI HOUSING - NICKEL PLATED DIE CAST ALLOY  
COVER - STAINLESS STEEL ALLOY  
EMI GASKET - CONDUCTIVE POLYMER
- PLATING OPTIONS :  
(A) CONTACT AREA - 0.38 μm MIN GOLD OVER 2.54 μm MIN NICKEL  
(B) CONTACT AREA - 0.76 μm 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 - 0.38 μm GOLD	C - 0.76-1.52 μm SnPb
75581-0002	B - 0.76 μm GOLD	C - 0.76-1.52 μm SnPb
75581-0008	A - 0.38 μm GOLD	D - 0.76-1.52 μm Sn
75581-0009	B - 0.76 μm GOLD	D - 0.76-1.52 μm Sn

±0.25 WAS ±0.13 EC NO: UCP2011-3307 DRW/KLANG 2011/04/26 CHKD: APPR: MBANAKIS 2011/07/06 REV: H1	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																
		<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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> </tbody> </table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	DRAWN BY KREGNIER		DATE 10/21/04	TITLE 16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O		
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY RNELSON		DATE 10/28/04	DOCUMENT NO. SD-75581-001																			
		MATERIAL NO.		SEE CHART		SHEET NO. 1 OF 3																		



Ø2.20±0.05  
PTH TYP. (6)  
⊕ Ø0.1ⓄEF

Ø0.46±0.05  
TYP.  
⊕ Ø0.1ⓄEF

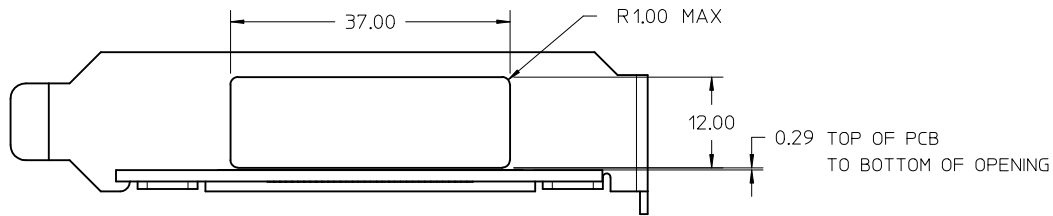
NOTES :

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

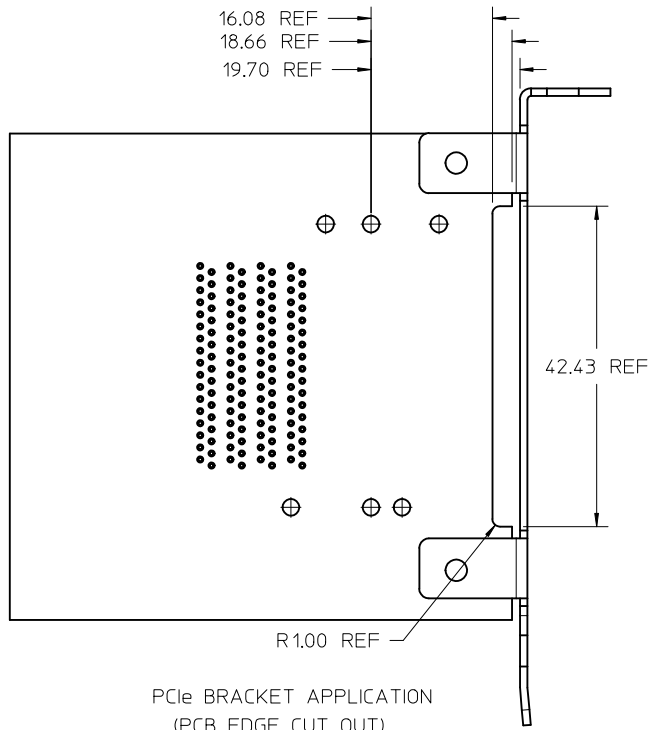
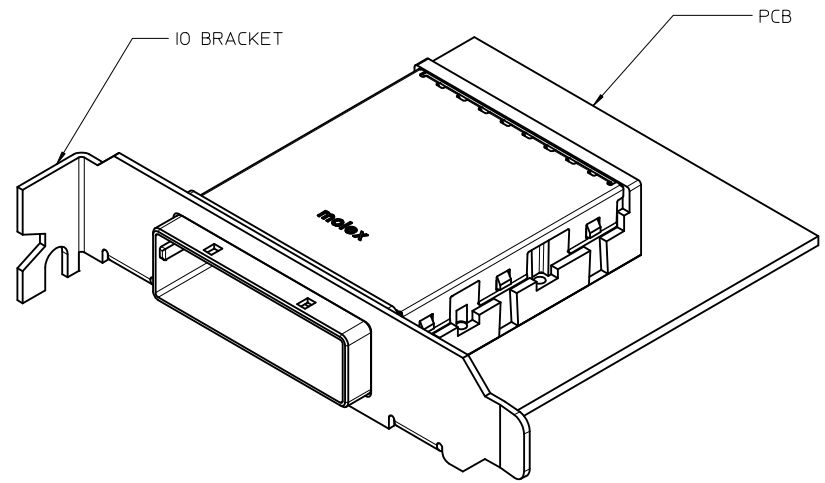
SEE NOTES 1 & 2

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

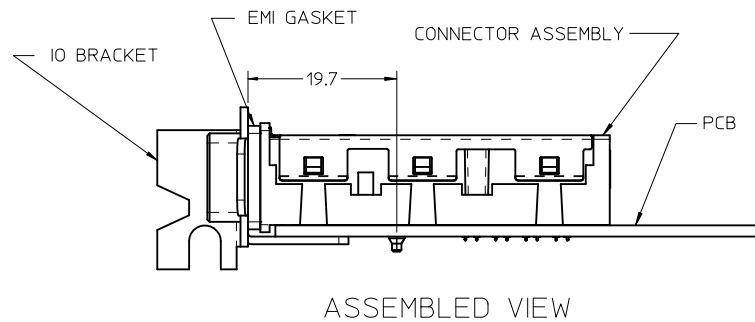
SEE SHEET 1 EC NO: UCP2011-33007 DRW/KLNG 2011/04/26 CHKD: APPR:MBANAKIS 2011/07/06 REV:	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</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> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
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SIZE <b>C</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	APPROVED BY RNELSON	DATE 10/28/04	DOCUMENT NO. <b>SD-75581-001</b>	MOLEX INCORPORATED																



IO BRACKET CUT-OUT  
(NOT SUPPLIED)



PCIe BRACKET APPLICATION  
(PCB EDGE CUT OUT)



ASSEMBLED VIEW

SEE SHEET 1 EC NO: UCP2011-3307 DRW: DRW:KLANG 2011/04/26 CHKD: APPR: MBANAKIS 2011/07/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
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