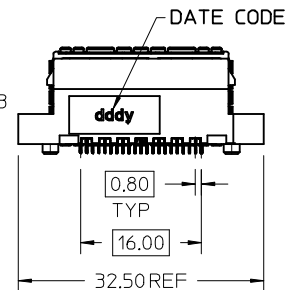
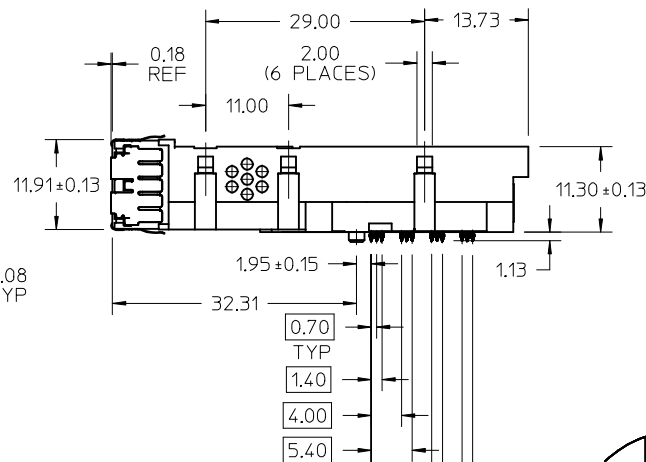
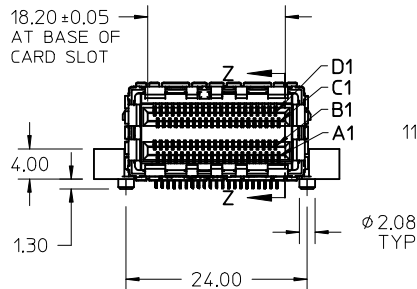
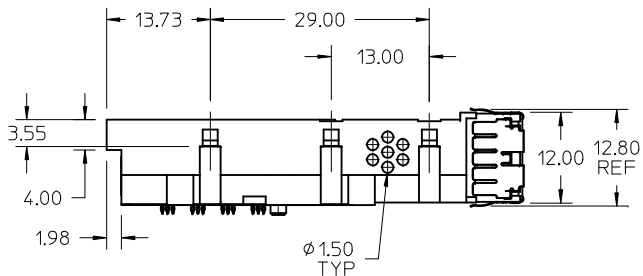
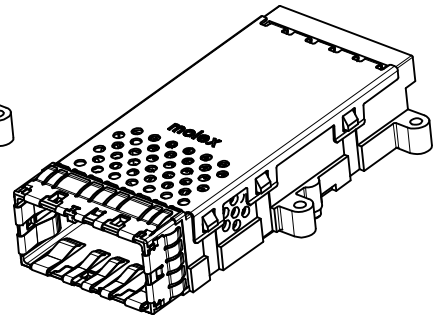
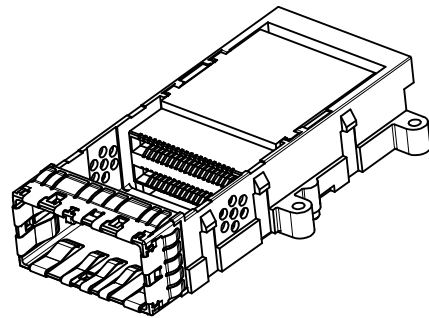
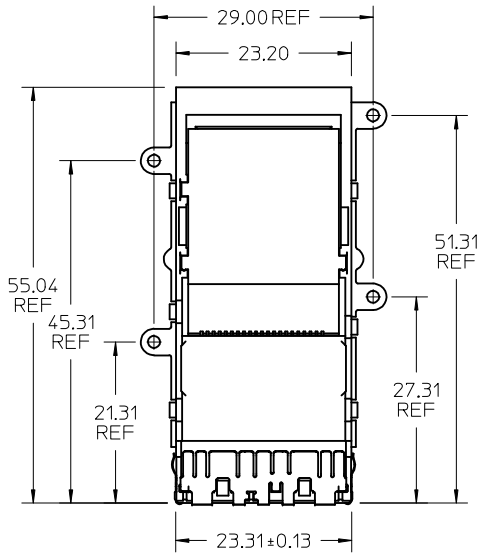
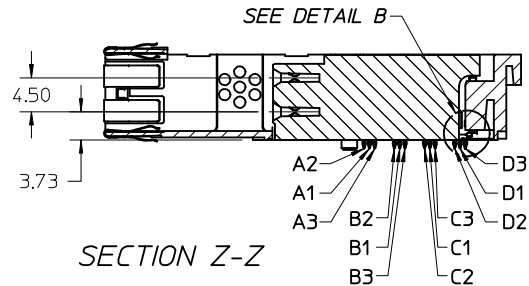
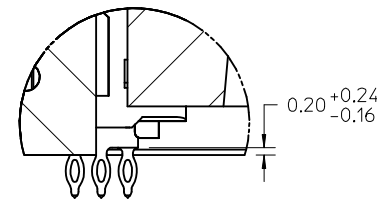


MATERIAL	DESCRIPTION
1705010001	NO COVER
1705011001	WITH COVER



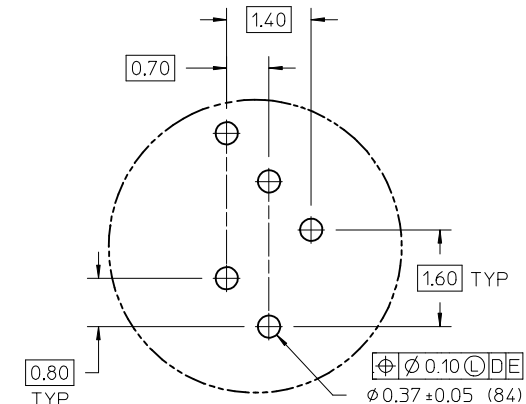
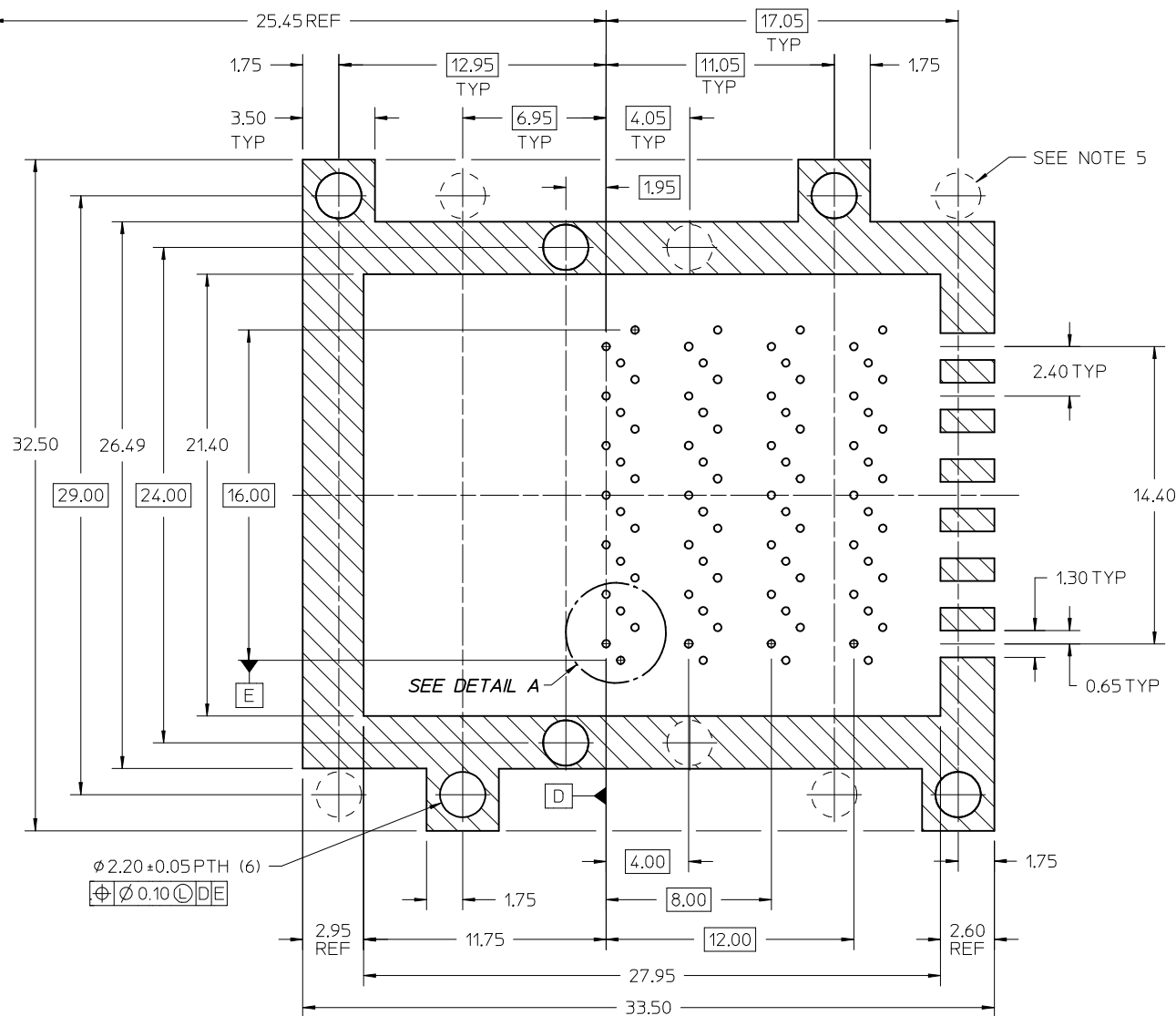
- NOTES:
- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC GLASS-FILLED, UL 94V-0
EMI HOUSING: NICKEL PLATED DIE CAST ALLOY
COVER: STAINLESS STEEL
EMI CLIPS: NICKEL PLATED PHOS BRONZE
TERMINALS: COPPER ALLOY
 - PLATING:
CONTACT AREA: 0.764mm MIN. GOLD OVER 2.544mm MIN. NICKEL
TAIL AREA: 0.764mm - 1.524mm TIN OVER 1.274mm MIN NICKEL
 - THIS CONNECTOR IS DESIGNED TO MATE WITH MOLEX CABLE SERIES INDICATED IN THE MOLEX PRODUCT SPEC. PS-170465-0001.
 - REFER TO ROUTING GUIDE AS-170501-0002 FOR PCB TRACE INFORMATION.
 - PACKAGING SPECIFICATION: TRAY PACK PER PK-170501-0001.
 - REFER TO AS-170501-0001 FOR THE APPLICATION SPECIFICATION.
 - MOUNTING HARDWARE REQUIRED: M2x0.4 CAP SCREWS (6)
MOUNTING SCREW LENGTH: BOARD THICKNESS + 4mm MAX
 - THERMAL SOLUTION MUST PROVIDE MODULE GUIDANCE OR MODULE MAY STUB ON CONNECTOR DURING MATING.
SAME FUNCTION AS COVER OR HEATSINK.



DETAIL B
SCALE 10:1

ADD TOL., CUT-OUT EC NO: UCP2013-2408 2012/12/12 DRWNG:GPRAIT CHKD:MBANAKIS 2012/12/12 APPR:MBANAKIS 2012/12/18	DESCRIPTION REV D1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY JLONG	DATE 2010/05/20	TITLE I-PASS PLUS CXP EXTENDED 84 CIRCUIT, 0.8MM I/O	MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-170501-0001	SHEET NO. 1 OF 5
			4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 2010/05/20				
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS	DATE 2012/12/18				
			2 PLACES	± 0.25	± ---	MATERIAL NO.					
			1 PLACE	± ---	± ---	SIZE C					
			ANGULAR ±1/2°		SEE CHART						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

EDGE OF BOARD



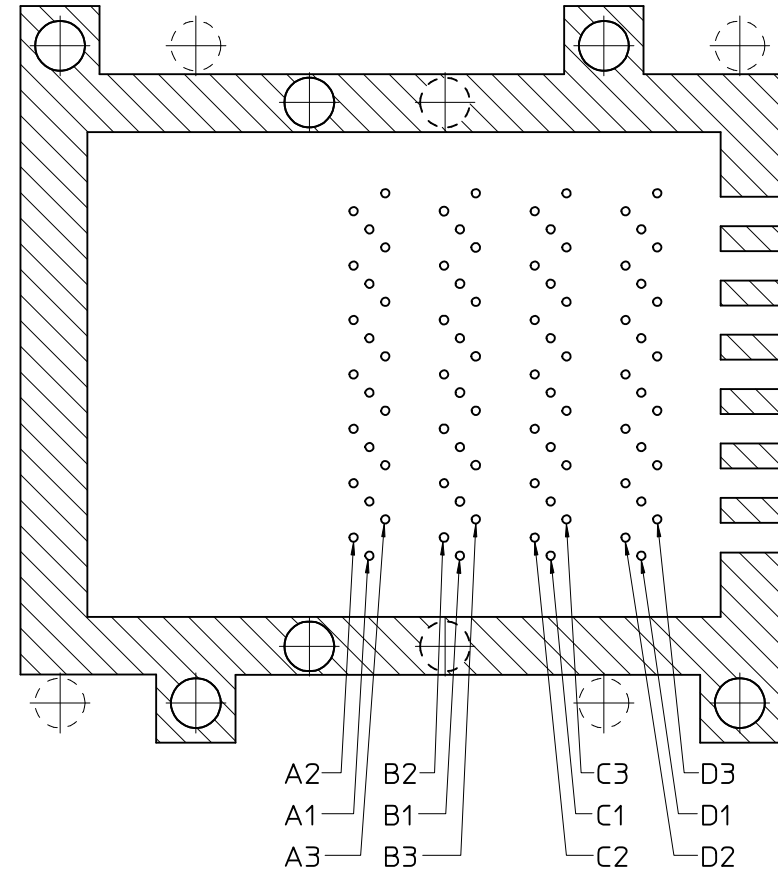
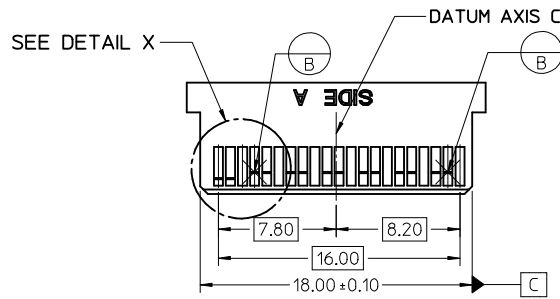
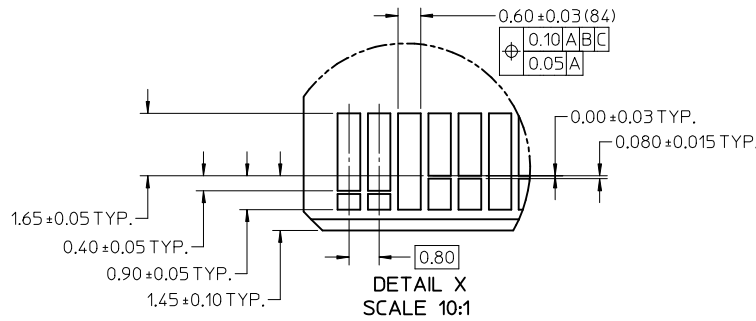
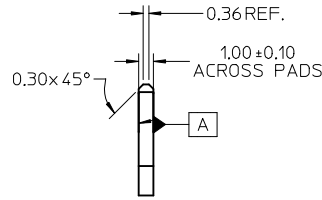
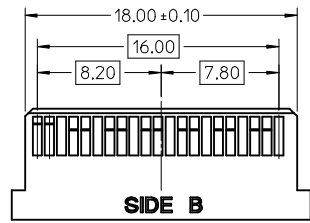
NOTES:

- CROSS-HATCHED AREA TO BE CONDUCTIVE ON THE PCB.
- CROSS-HATCHED AREA MUST BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING.
- REFER TO THE PLATING DETAIL OF THE COMPLIANT PIN HOLES IN THE APPLICATION SPEC AS-170465-0002 FOR THE DRILL SIZE AND ANNULAR RING FOR THE 0.37 ϕ FINISHED HOLE.
- MINIMUM RECOMMENDED SPACING: 29.00
- FEATURES IN PHANTOM LINES ARE RELATED FOR USE WITH CONNECTOR ASSEMBLY SERIES 170502 FOR GANGED SIDE BY SIDE AND BELLY TO BELLY APPLICATIONS.
- NO SIGNAL ROUTING ON TOP LAYER.

RECOMMENDED PCB LAYOUT
COMPONENT SIDE SHOWN

PCB THICKNESS: 1.44mm MIN.

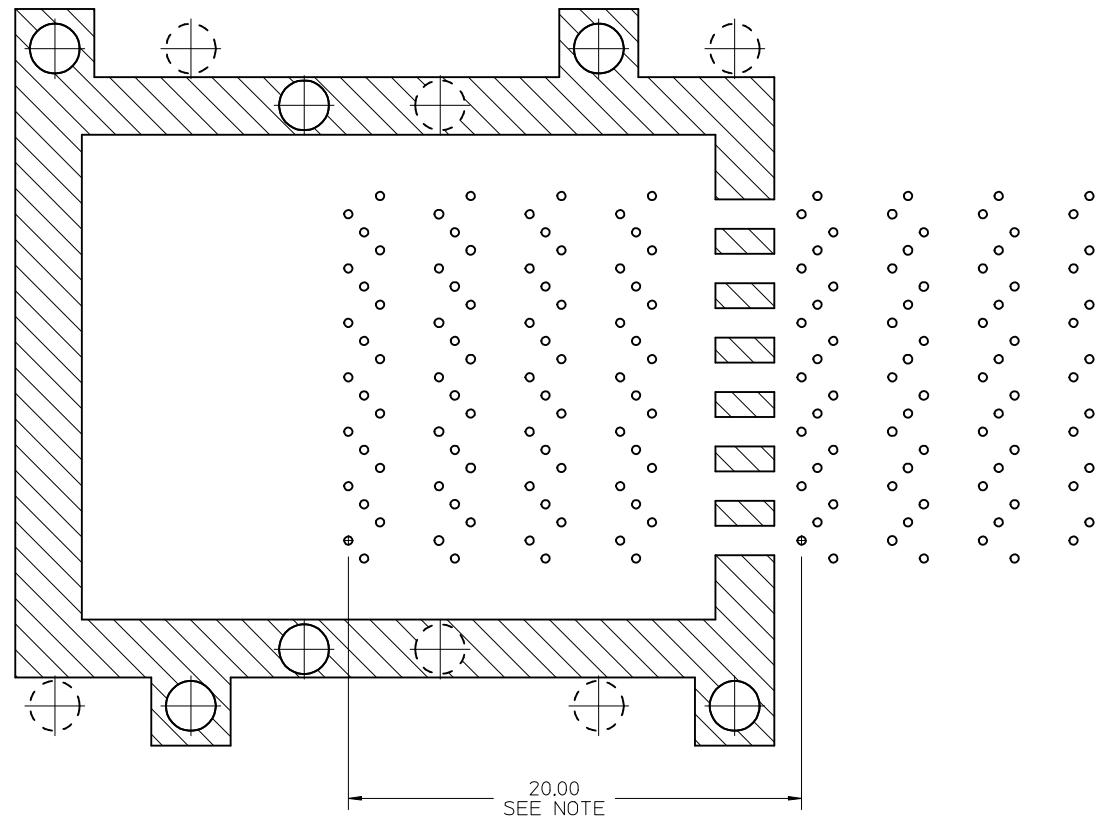
SEE SHEET 1 EC NO: UCP2013-2408 2012/12/12 DRAWING PRATT CHKD: MBANAKIS 2012/12/12 APPR: MBANAKIS 2012/12/18	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
				mm	INCH	DRAWN BY JLONG	DATE 2010/05/20	TITLE I-PASS PLUS CXP EXTENDED 84 CIRCUIT, 0.8MM I/O								
			4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 2010/05/20	MOLEX INCORPORATED								
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS							DATE 2012/12/18			
			2 PLACES	± 0.25	± ---	MATERIAL NO. 1705010001							DOCUMENT NO. SD-170501-0001		SHEET NO. 2 OF 5	
			1 PLACE	± ---	± ---	SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
			ANGULAR ±1/2°													
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													



NOTES:

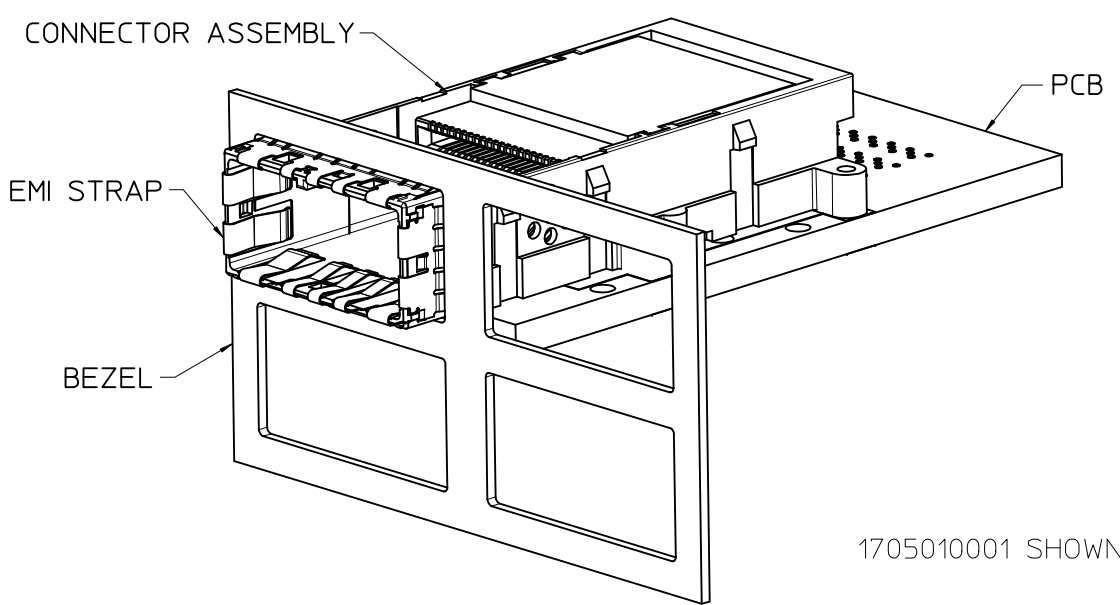
- 0.03 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
- DATUM B TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS

SEE SHEET 1 EC NO: UCP2013-2408 2012/12/12 DRWNG:GPRATT CHKD:MBANAKIS 2012/12/12 APPR:MBANAKIS 2012/12/18	DESCRIPTION REV D1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY JLONG	DATE 2010/05/20	TITLE I-PASS PLUS CXP EXTENDED 84 CIRCUIT, 0.8MM I/O				
				± ---	± ---	CHECKED BY JLONG	DATE 2010/05/20					
				± 0.25	± ---	APPROVED BY MBANAKIS	DATE 2012/12/18					
				± ---	± ---	MATERIAL NO. 1705010001						
			ANGULAR ±1/2°				DOCUMENT NO. SD-170501-0001		SHEET NO. 3 OF 5			
			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			



NOTE:
1. WHEN USED WITH CONNECTOR SERIES 170502
VIA PATTERN WILL APPEAR AS SHOWN.

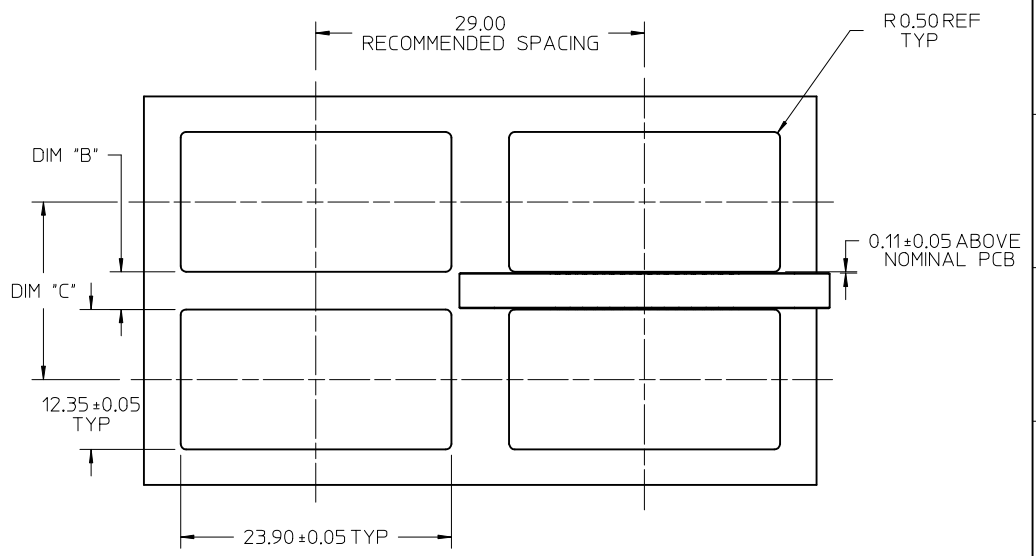
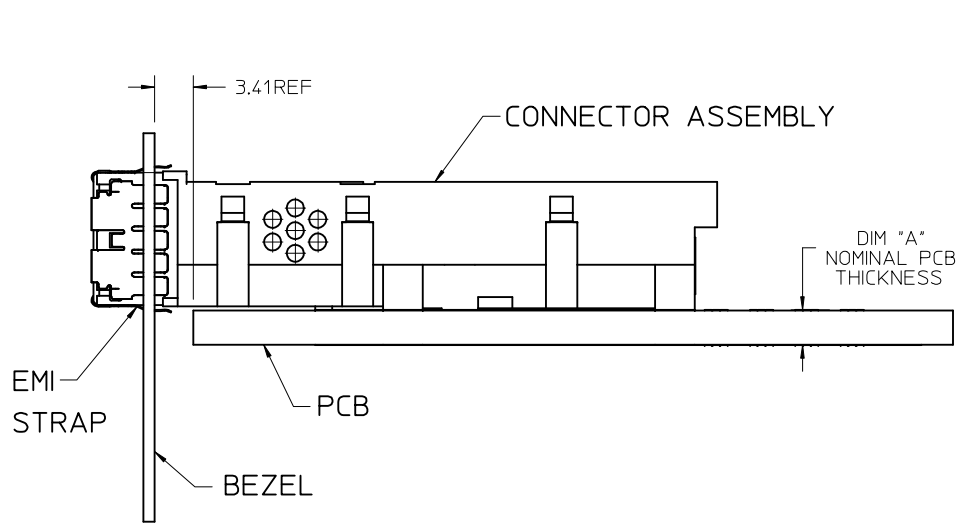
SEE SHEET 1 EC NO: UCP2013-2408 2012/12/12 DRAWING PRATT CHKD: MBANAKIS 2012/12/12 APPR: MBANAKIS 2012/12/18 D1	DESCRIPTION	QUALITY SYMBOLS F=0 E=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE I-PASS PLUS CXP EXTENDED 84 CIRCUIT, 0.8MM I/O	
						DRAWN BY DATE JLONG 2010/05/20						
						CHECKED BY DATE JLONG 2010/05/20						
						APPROVED BY DATE MBANAKIS 2012/12/18		molex MOLEX INCORPORATED				
						MATERIAL NO. 1705010001		DOCUMENT NO. SD-170501-0001				
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SHEET NO. 4 OF 5			



DIM "A"	DIM "B"	DIM "C"	MINIMUM PCB
3.10	3.32	15.67	10% NOM THK
1.60	1.82	14.17	1.44
2.80	3.02	15.37	10% NOM THK

NOTE: WITH 1.44 MINIMUM PCB THICKNESS, WILL NOT SUPPORT PLUGS WITH GREATER THAN 28 AWG CABLE.

1705010001 SHOWN



SEE SHEET 1 EC NO: UCP2013-2408 2012/12/12 DRWNG: GRATT CHKD: MBANAKIS 2012/12/12 APPR: MBANAKIS 2012/12/18	REV D1	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
			▽=0	4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE	I-PASS PLUS CXP EXTENDED 84 CIRCUIT, 0.8MM I/O
			▽=0	3 PLACES ± --- ± ---	CHECKED BY	DATE	MOLEX INCORPORATED	
			▽=0	2 PLACES ± 0.25 ± ---	APPROVED BY	DATE		
ANGULAR ± 1/2°			MATERIAL NO.	1705010001	DOCUMENT NO.	SD-170501-0001	SHEET NO.	
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			5 OF 5



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Электрон
Связь**

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