



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!



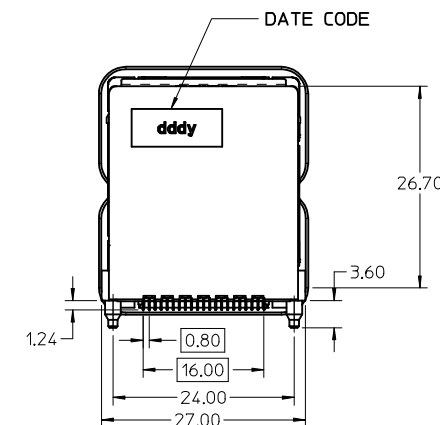
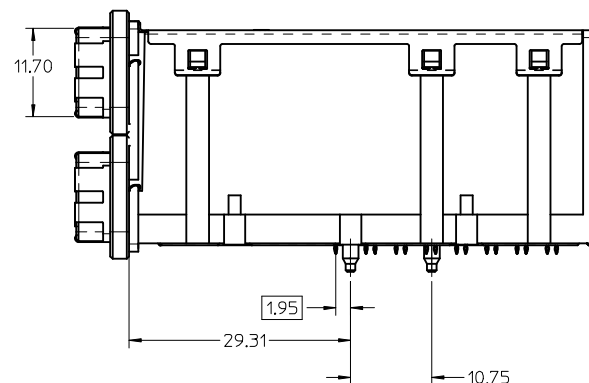
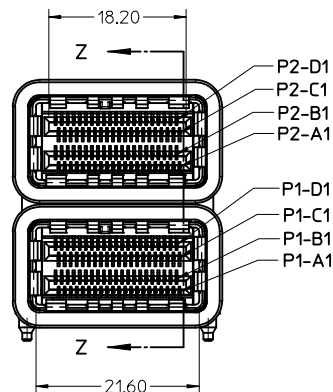
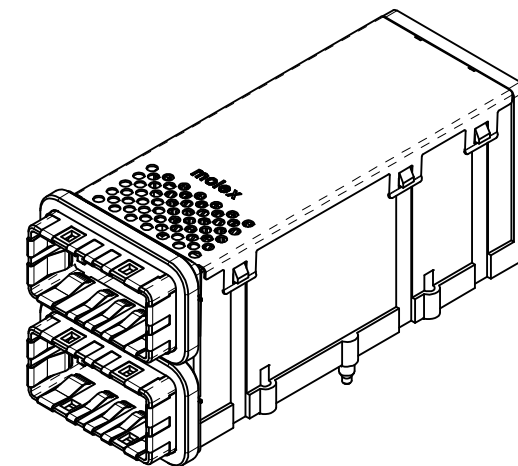
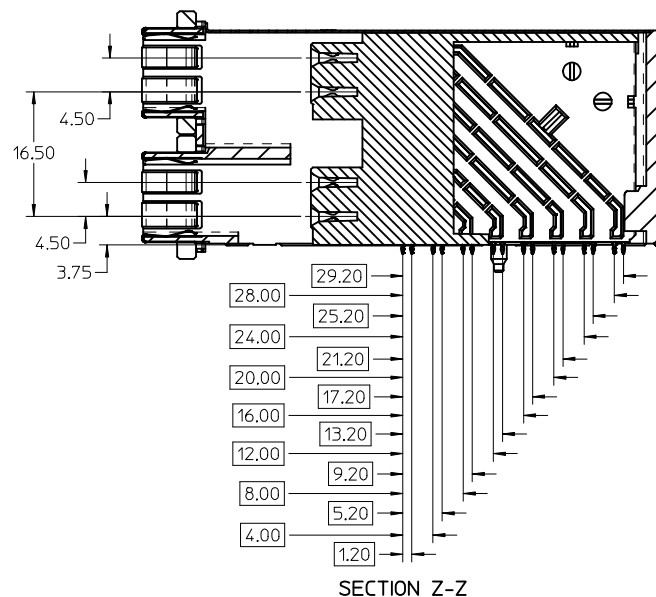
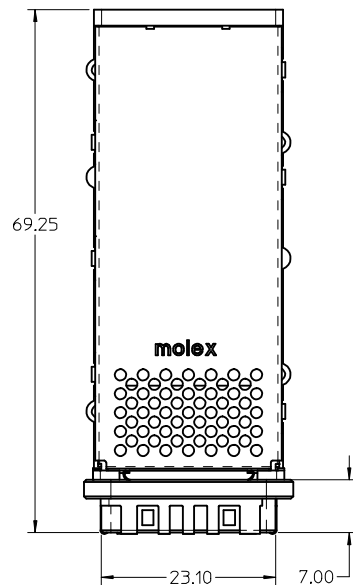
## Contact us

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





# NOTES:

## 1. MATERIALS:

CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC  
GLASS FILLED, UL94V-0  
COLOR: BLACK

EMI HOUSING: DIE CAST ALLOY, NICKEL PLATED FINISH  
TERMINALS: COPPER ALLOY

COVER: STAINLESS STEEL ALLOY  
EMI GASKET: CONDUCTIVE POLYMER

## 2. PLATING:


CONTACT AREA: 0.764mm MIN. GOLD OVER 2.544mm MIN. NICKEL  
COMPLIANT AREA: 0.76-1.524mm TIN OVER 1.274mm MIN. NICKEL

## 3. PACKAGING SPECIFICATION: TRAY PACK PER PK-76024-001

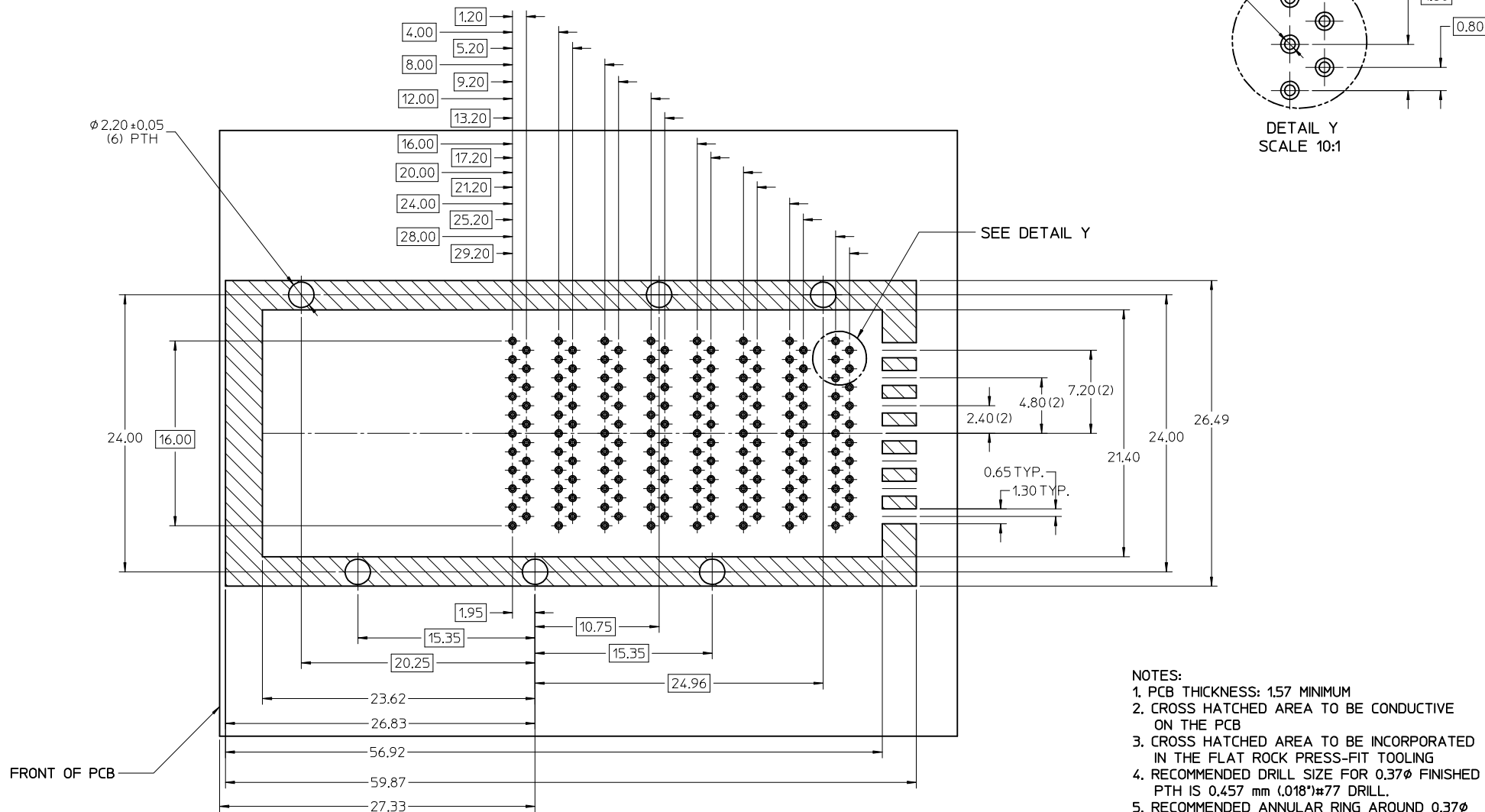
## 4. MOUNTING HARDWARE: M2x8mm CAP SCREWS (NOT SUPPLIED)

## 5. THIS CONNECTOR IS DESIGNED TO MATE WITH MOLEX CABLE SERIES 111025

## 6. THIS CONNECTOR IS FOR PASSIVE COPPER CABLES ONLY NO OPTICAL MODULES OR ACTIVE COPPER CABLES

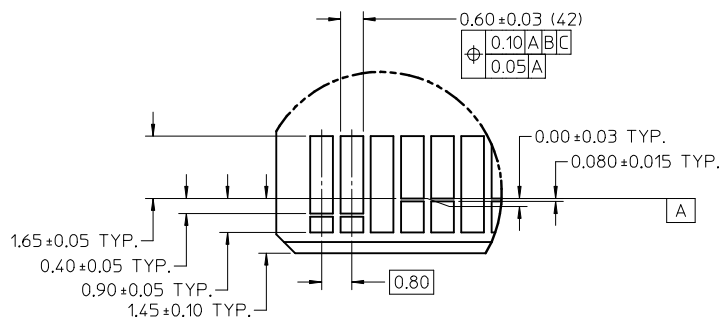
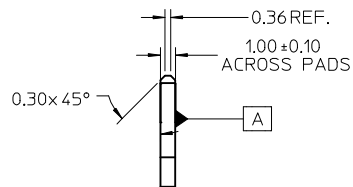
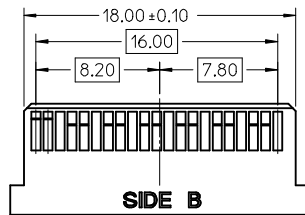
ADD LOCKING EMI_F EC NO: UCP2014-4635 DRAWING: GRATT 2014/05/09 CHKD: MBANAKIS 2014/05/09 APPR: MBANAKIS 2014/08/05	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY K. LANG	DATE 2008/06/12	TITLE IPASS PLUS HSC 84/84 HIGH SPEED CHANNEL 0.8MM I/O		
			4 PLACES ± ---	± ---	CHECKED BY GPRATT	DATE 2014/05/09	<b>molex</b> DOCUMENT NO. SD-76024-568		
			3 PLACES ± ---	± ---	APPROVED BY M. BANAKIS	DATE 2008/07/21			
			2 PLACES ± 0.25	± ---	MATERIAL NO. 760240569	SHEET NO. 1 OF 4			
1 PLACE ± ---	± ---	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				

# RECOMMENDED PCB LAYOUT COMPONENT SIDE SHOWN

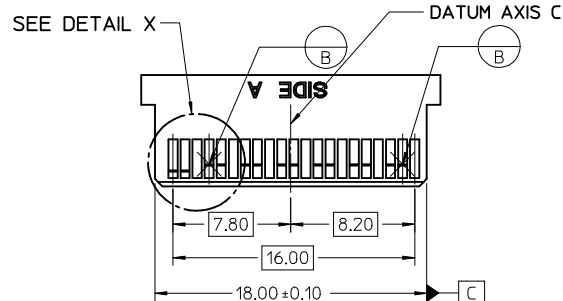


- NOTES:
1. PCB THICKNESS: 1.57 MINIMUM
  2. CROSS HATCHED AREA TO BE CONDUCTIVE ON THE PCB
  3. CROSS HATCHED AREA TO BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING
  4. RECOMMENDED DRILL SIZE FOR 0.37 $\phi$  FINISHED PTH IS 0.457 mm (.018")#77 DRILL.
  5. RECOMMENDED ANNULAR RING AROUND 0.37 $\phi$  FINISHED PTH IS 0.73 $\phi$
  6. MINIMUM RECOMMENDED SPACING: 26.50mm

SEE SHEET 1	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
						MM ONLY		4:1	METRIC		
				mm	INCH	DRAWN BY	DATE	TITLE			
				4 PLACES	± ---	± ---	K. LANG	2008/06/12	IPASS PLUS HSC 84/84		
				3 PLACES	± ---	± ---	CHECKED BY	DATE	HIGH SPEED CHANNEL		
				2 PLACES	± 0.25	± ---	GPRATT	2014/05/1	0.8MM I/O		
	1 PLACE		± ---	± ---	APPROVED BY	DATE	molex				
	0 PLACE		± ---	± ---	M. BANAKIS	2008/07/21					
	ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				SHEET NO.		
	DRAFT WHERE APPLICABLE		SEE SHEET 1		SD-76024-568				2 OF 4		
MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

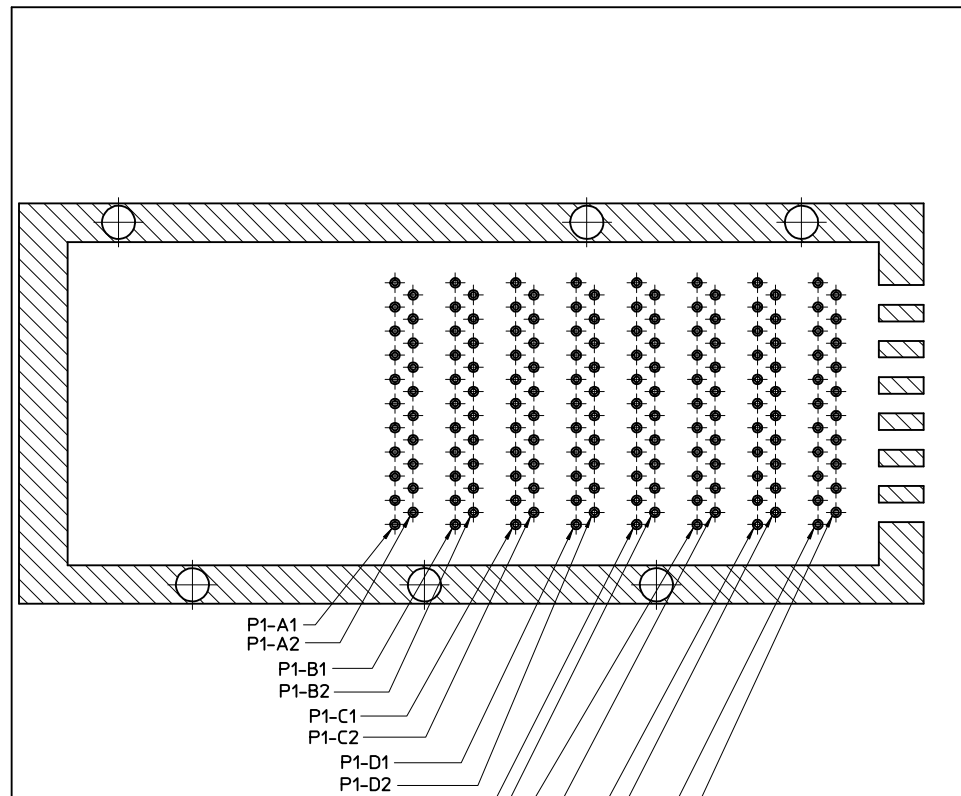



DETAIL X  
SCALE 10:1

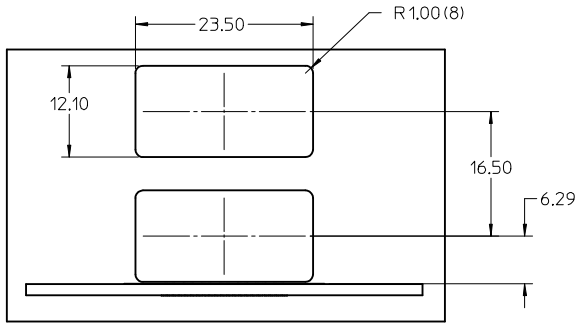
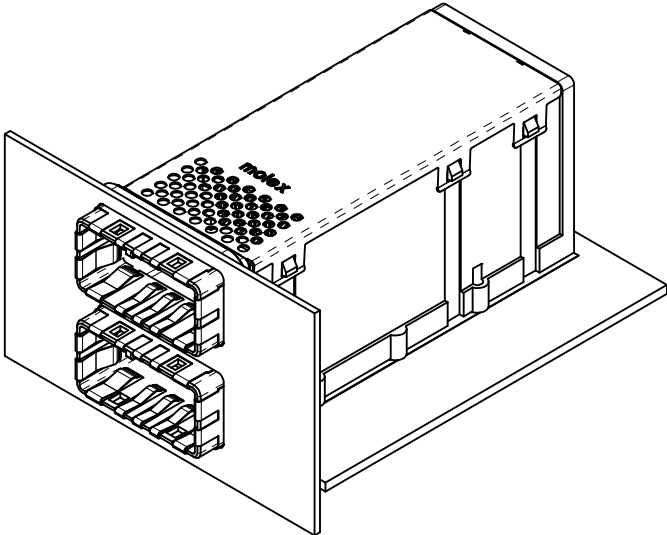


NOTES:

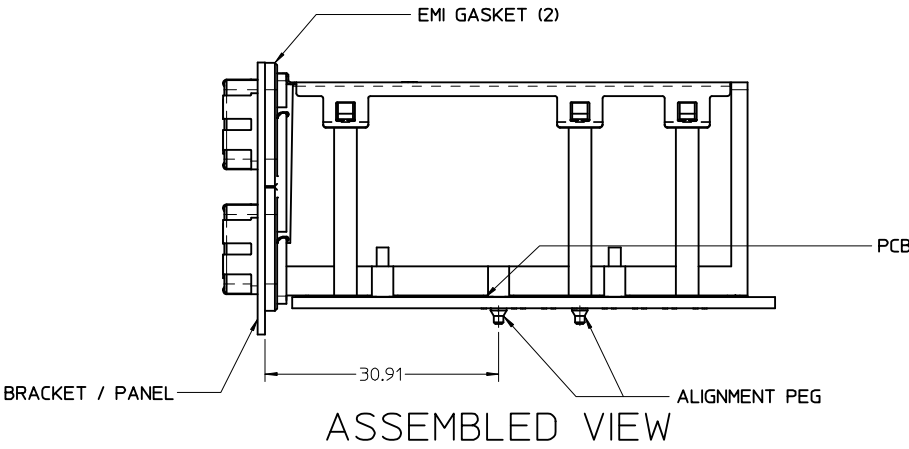
- 0.03 MINIMUM KEEPOUT FOR SOLDER MASK AROUND ALL PADS
- DATUM B TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS




SEE SHEET 1 EC NO: UCP2014-4635 DRAWING PRATT 2014/05/09 CHKD: MBANAKIS 2014/05/09 APPR: MBANAKIS 2014/08/05	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
							DRAWN BY DATE		TITLE		
				4 PLACES	± ---	± ---	K. LANG	2008/06/12	IPASS PLUS HSC 84/84 HIGH SPEED CHANNEL 0.8MM I/O <b>molex</b>		
				3 PLACES	± ---	± ---	CHECKED BY DATE				
				2 PLACES	± 0.25	± ---	GPRATT 2014/05/				
				1 PLACE	± ---	± ---	APPROVED BY DATE				
				0 PLACE	± ---	± ---	M. BANAKIS 2008/07/21	DOCUMENT NO.  SD-76024-568			
				ANGULAR ±1/2°			MATERIAL NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 1				
							SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



RECOMMENDED PANEL CUT-OUT



SEE SHEET 1 EC NO: UCP2014-4635 DRAWN: GPRATT 2014/05/09 CHKD: MBANAKIS 2014/05/09 APPR: MBANAKIS 2014/08/05	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
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				4 PLACES	± ---	± ---	CHECKED BY GPRATT	DATE 2014/05/09	molex			
				3 PLACES	± ---	± ---	APPROVED BY M. BANAKIS	DATE 2008/07/21				
				2 PLACES	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
				1 PLACE	± ---	± ---	SEE SHEET 1		SD-76024-568	4 OF 4		
				0 PLACE	± ---	± ---	SIZE		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								