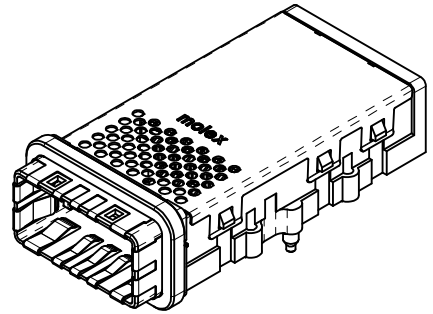
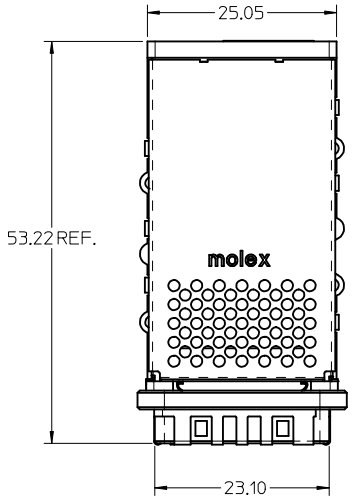
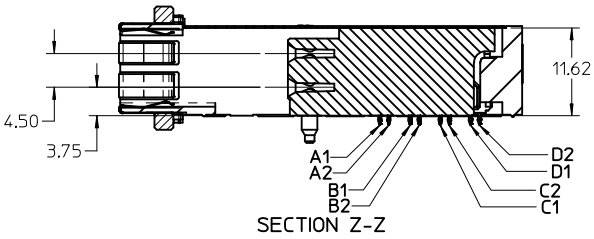
MATERIAL NO.	KEY OPTION	TAIL PLATING
~~76105-0584~~	~~LEFT~~	~~TIN / LEAD~~
76105-0585	LEFT	TIN

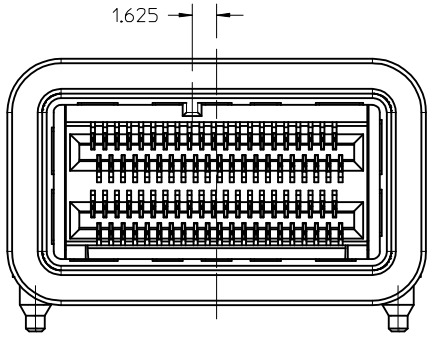
OBSOLETE





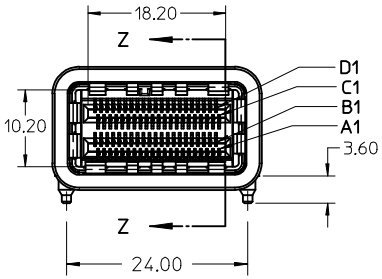


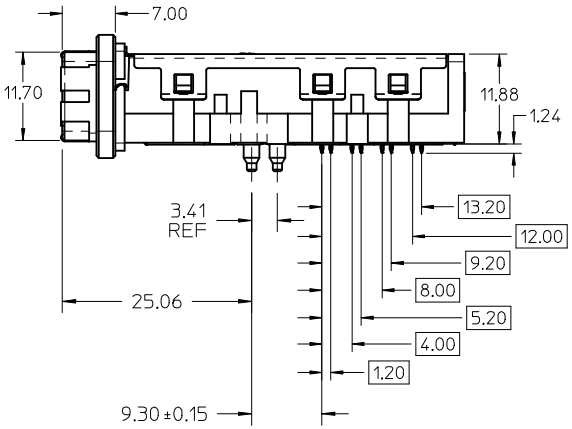
SECTION Z-Z



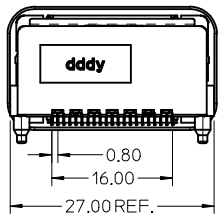
76105-0584
LEFT KEY

(EMI FINGERS REMOVED FOR CLARITY)





DATE CODE



NOTES:
1. MATERIALS:
   CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC GLASS-FILLED, UL 94V-0
   EMI HOUSING: NICKEL PLATED DIE CAST ALLOY
   COVER: STAINLESS STEEL ALLOY
   EMI GASKET: CONDUCTIVE POLYMER
   TERMINALS: COPPER ALLOY
2. PLATING:
   CONTACT AREA: 0.76µm MIN. GOLD OVER 2.54µm MIN. NICKEL
   ~~TIN/LEAD TAIL AREA: 0.76µm - 1.52µm TIN/LEAD (90/10)~~
   TIN TAIL AREA: 0.76µm - 1.52µm TIN
   OVER 1.27µm MIN NICKEL
3. THIS CONNECTOR IS DESIGNED TO MATE WITH MOLEX CABLE SERIES TBD.
4. PACKAGING SPECIFICATION: TRAY PACK PER PK-76105-001.
5. MOUNTING HARDWARE REQUIRED: M2x0.4 CAP SCREWS (4)
   MOUNTING SCREW LENGTH: BOARD THICKNESS + 4mm MAX

REV	DESCRIPTION	
H	UPDATE VIEWS	
	EC NO: UCP2013-0617	2012/08/28
	DRWN:GPRATT	2012/08/29
	CHKD:MBANAKIS	2012/08/30
	APPR:MBANAKIS	

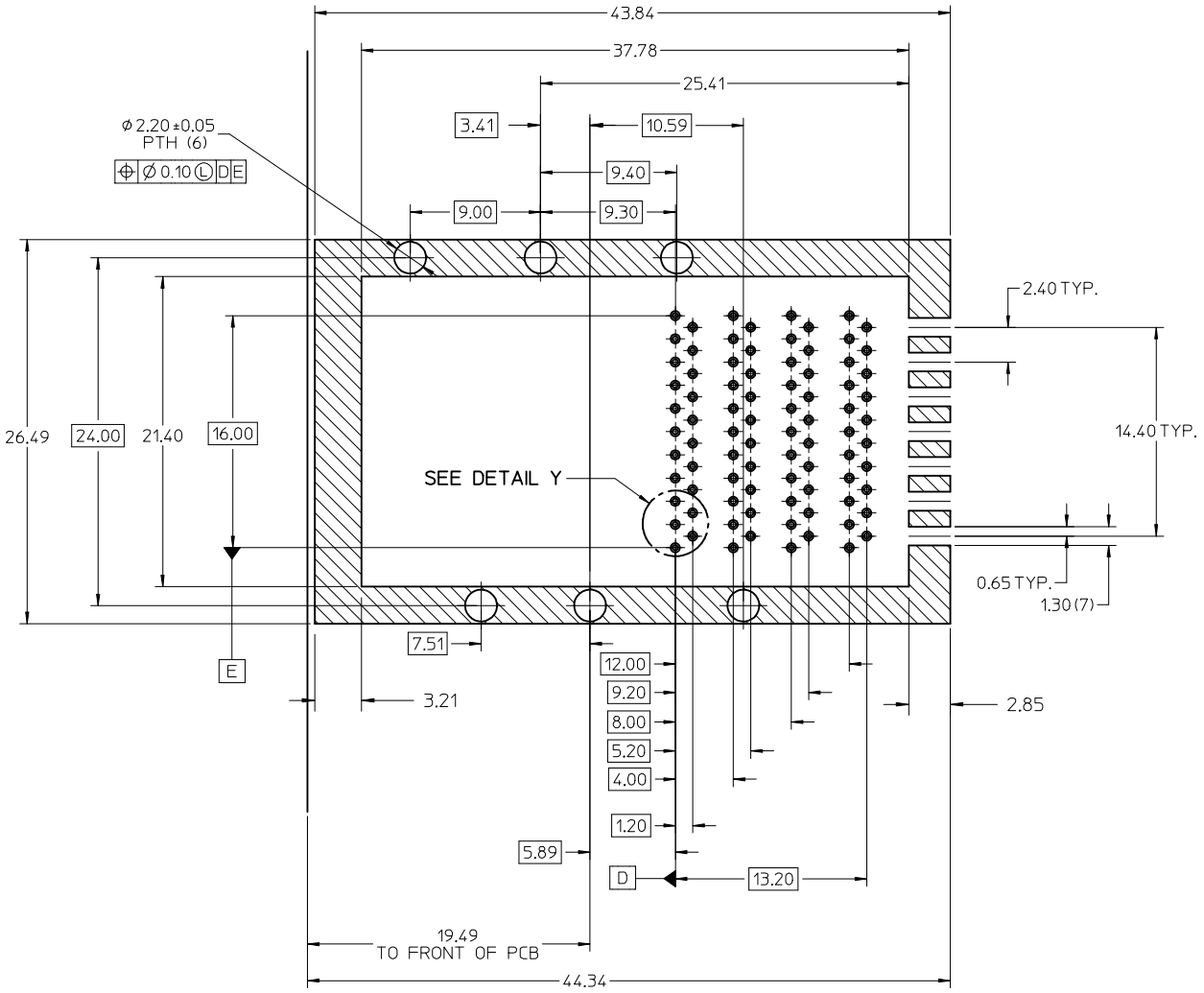
QUALITY SYMBOLS
▼=0
▽=0

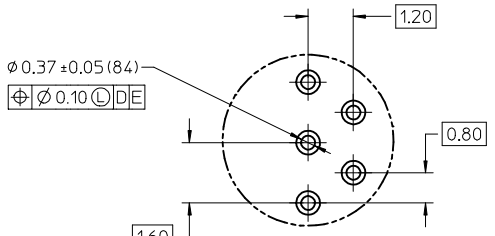
GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY	
SCALE	2:1	
DESIGN UNITS	METRIC	
	THIRD ANGLE PROJECTION	
DRAWN BY	KLANG	DATE 2008/05/05
CHECKED BY	KLANG	DATE 2008/05/05
APPROVED BY	MBANAKIS	DATE 2008/05/19
MATERIAL NO.	SEE CHART	
TITLE	IPASS PLUS HSC 84 HIGH SPEED CHANNEL 0.8MM I/O	
	MOLEX INCORPORATED	
DOCUMENT NO.	SD-76105-584	SHEET NO. 1 OF 4
SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	





DETAIL Y
SCALE 10:1

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.
3. RECOMMENDED DRILL SIZE FOR 0.37ø FINISHED PTH IS 0.48-0.50 mmø (.0189-.0200 inø(#76 DRILL))
4. RECOMMENDED ANNULAR RING AROUND 0.37ø FINISHED PTH IS 0.73ø
5. MINIMUM RECOMMMENDED SPACING: 26.50

RECOMMENDED PCB LAYOUT
COMPONENT SIDE SHOWN

PCB THICKNESS: 1.57mm MIN.

SEE SHEET 1
EC NO: UCP2013-0617 2012/08/28
DRWN:GPRATT 2012/08/29
CHKD:MBANAKIS 2012/08/30
APPR:MBANAKIS
DESCRIPTION
REV

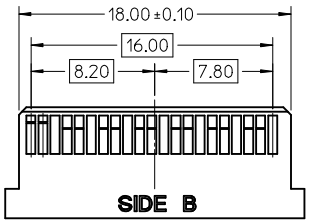
QUALITY SYMBOLS
▼=0
▽=0

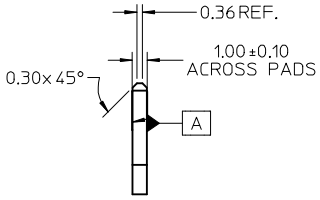
GENERAL TOLERANCES (UNLESS SPECIFIED)

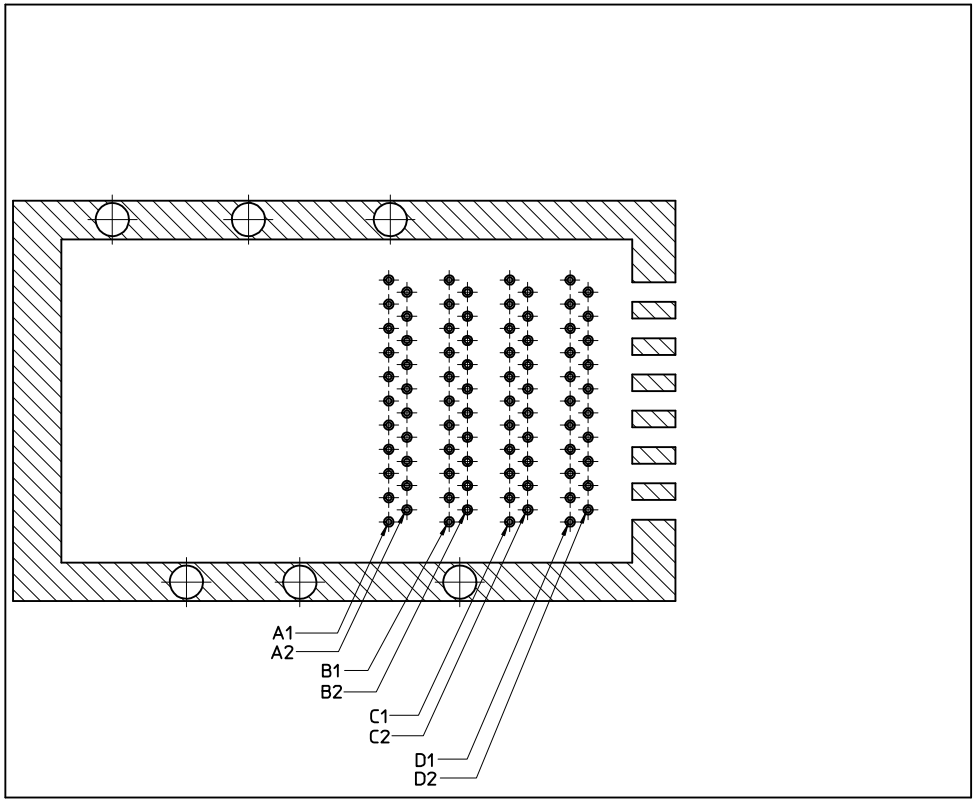
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

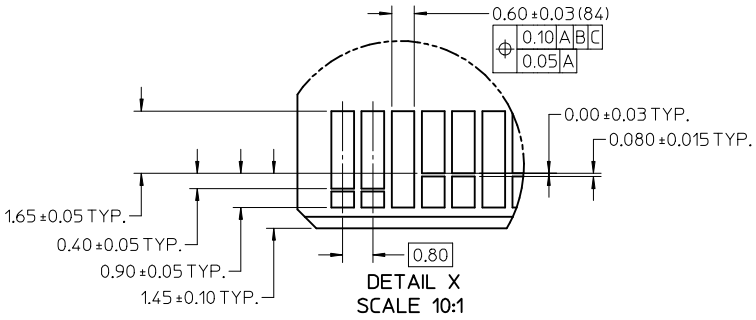
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

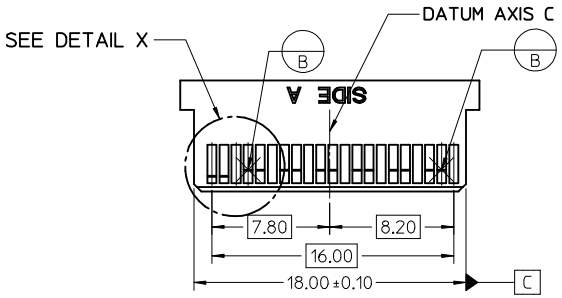
DIMENSION STYLE	MM ONLY
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	KLANG 2008/05/05
CHECKED BY / DATE	KLANG 2008/05/05
APPROVED BY / DATE	MBANAKIS 2008/05/19
MATERIAL NO.	SEE SHEET 1
TITLE	IPASS PLUS HSC 84 HIGH SPEED CHANNEL 0.8MM I/O
	molex MOLEX INCORPORATED
DOCUMENT NO.	SD-76105-584
SHEET NO.	2 OF 4
SIZE	C











NOTES:
1. 0.03 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
2. DATUM B TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS

SEE SHEET 1
EC NO: UCP2013-0617 2012/08/28
DRWN:GPRATT 2012/08/29
CHKD:MBANAKIS 2012/08/30
APPR:MBANAKIS 2012/08/30
DESCRIPTION
REV
H

QUALITY SYMBOLS
▼=0
▽(C)=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

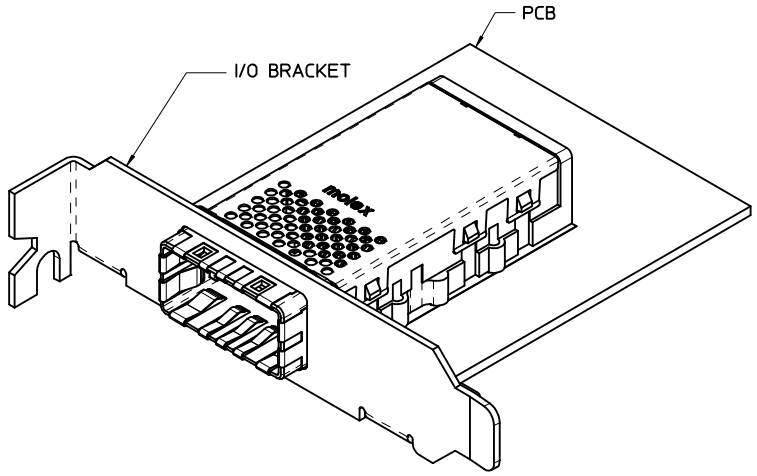
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

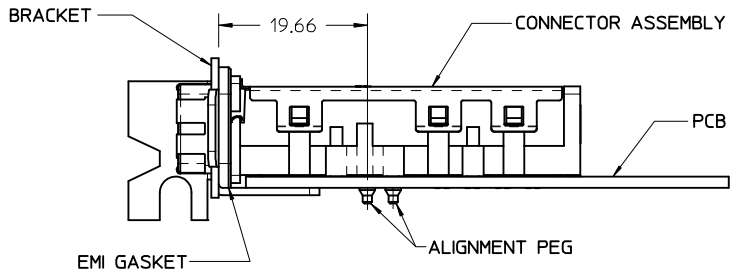
DRAWN BY	KLANG	DATE 2008/05/05
CHECKED BY	KLANG	DATE 2008/05/05
APPROVED BY	MBANAKIS	DATE 2008/05/19

TITLE: IPASS PLUS HSC 84 HIGH SPEED CHANNEL 0.8MM I/O

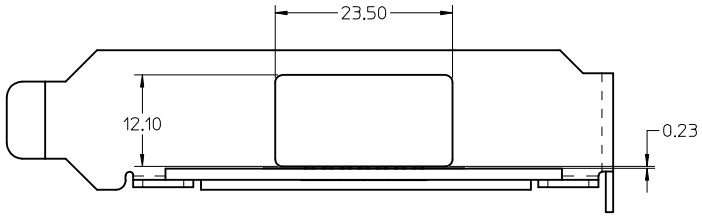
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-76105-584
SHEET NO.: 3 OF 4
SIZE: C





ASSEMBLED VIEW



I/O BRACKET CUT-OUT

(NOT SUPPLIED)

SEE SHEET 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO: UCP2013-0617 2012/08/28	▼=0		mm / INCH	MM ONLY	2:1	METRIC	
DRWN:GPRATT 2012/08/29	▽(C)=0	4 PLACES	± --- / ± ---	DRAWN BY KLANG DATE 2008/05/05	TITLE: IPASS PLUS HSC 84 HIGH SPEED CHANNEL 0.8MM I/O		
CHKD:MBANAKIS 2012/08/29		3 PLACES	± --- / ± ---	CHECKED BY KLANG DATE 2008/05/05			
APPR:MBANAKIS 2012/08/30		2 PLACES	± 0.25 / ± ---	APPROVED BY MBANAKIS DATE 2008/05/19	molex MOLEX INCORPORATED		
DESCRIPTION		1 PLACE	± 0.25 / ± ---	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-76105-584		SHEET NO. 4 OF 4
REV H		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C		