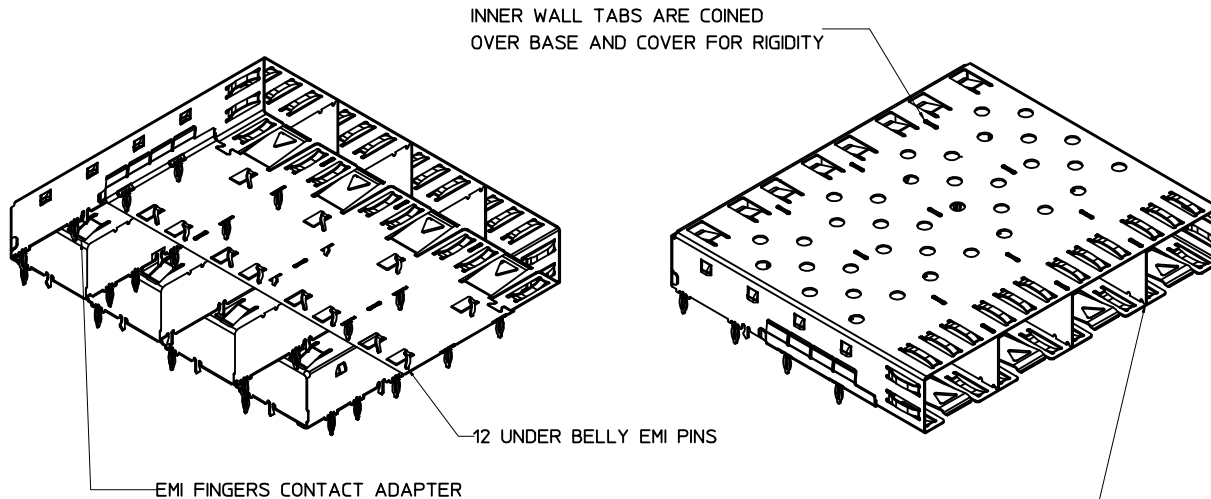
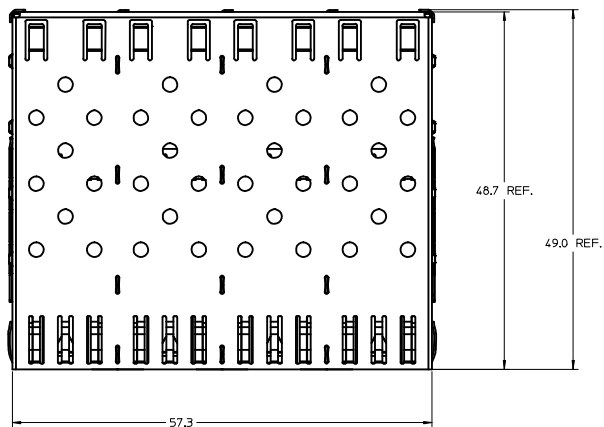
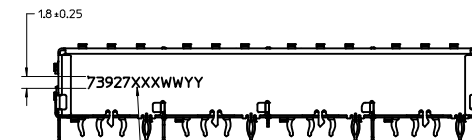
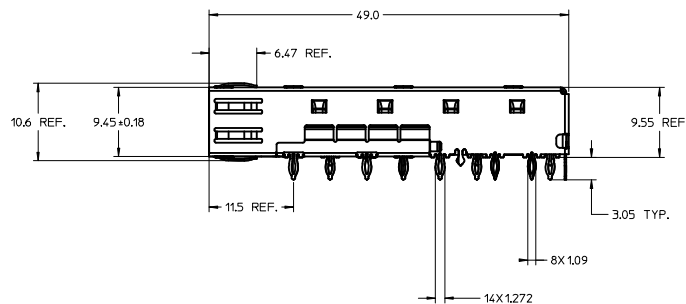
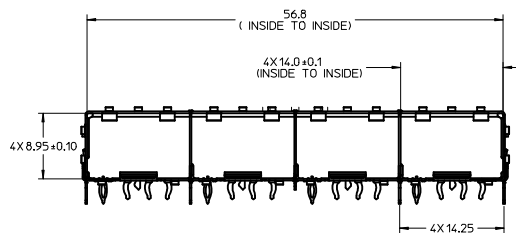


MM 3D MODEL: TM-73927-0470



DIMENSIONS OF EACH INNER CAGE DESIGNED TO FUNCTION WITH SMALL FORM-FACTOR PLUGGABLE (SFP) TRANSCEIVER



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON BACK OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

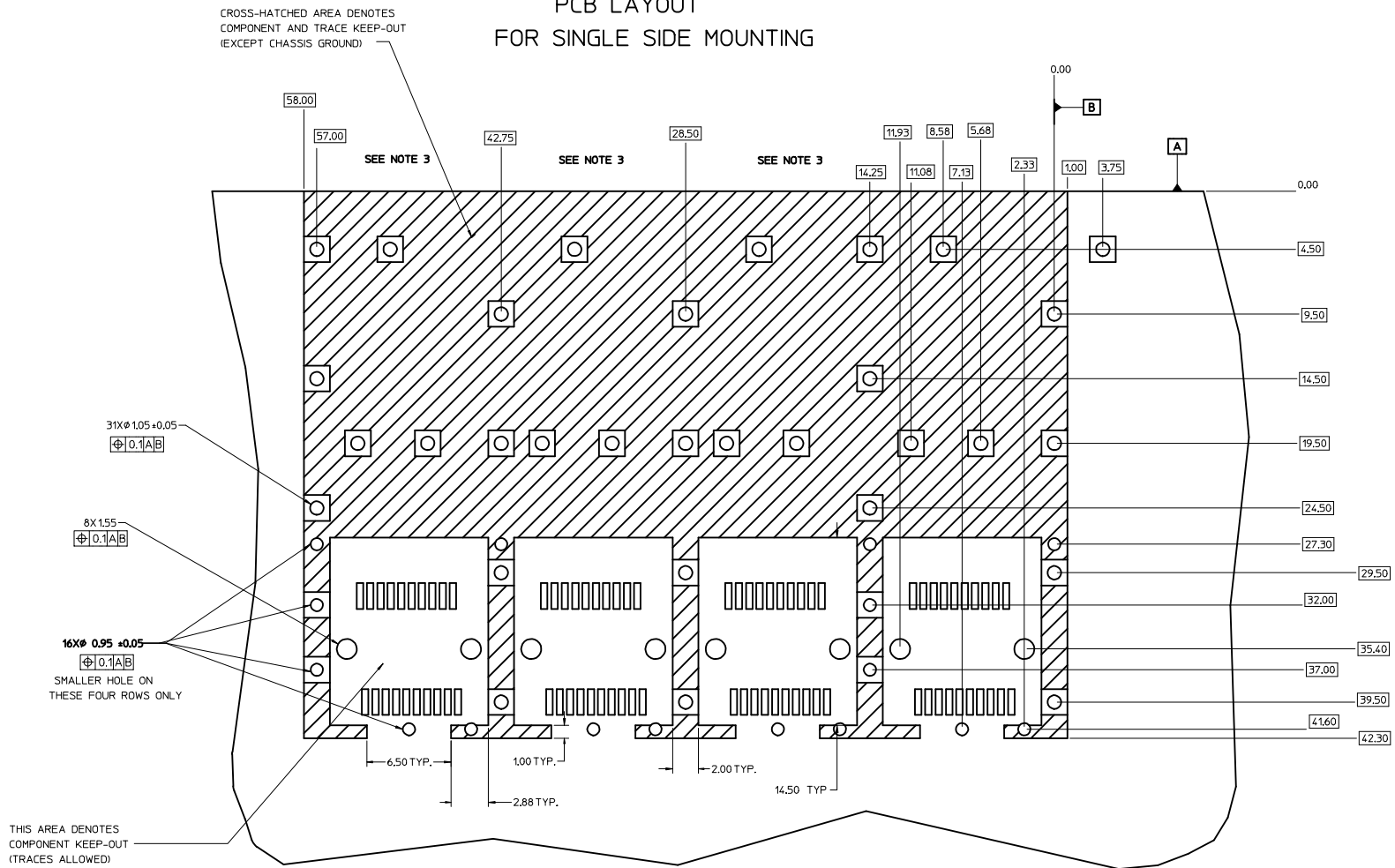
WEEK/YEAR DATE CODE TABLE	
WW	01 THRU 52 OR 53 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YY	15, 16, 17 ETC. EXAMPLE: YEAR 2015 = 15

NOTES:

- PRESS FIT LEGS 3.05 MM LONG
1.57 MM MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
2.25 MM MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
- MATERIAL: STAINLESS STEEL
- NO RoHS EXEMPTIONS

SEE REVISION TABLE EC NO: CPG2016-1266 DRAWN: THSU CHKD: APPROVED: RCHEN08	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	MM ONLY	DATE			
		4 PLACES	+	---	+			
		3 PLACES	+	---	+			
		2 PLACES	±	0.13	+			
		1 PLACE	±	0.25	+			
		0 PLACE	±		+			
		ANGULAR ± 1 °						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
		DRAWN BY: THSU		DATE: 2015/06/23		TITLE: 1X4 SFP GAGED CAGE PRESS FIT 3.05MM STAINLESS STEEL		
		CHECKED BY:		DATE:				
		APPROVED BY: RCHEN08		DATE: 2015/09/22				
		MATERIAL NO. 739270470		DOCUMENT NO. SD-73927-0470				
		SIZE: D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SHEET NO. 1 OF 5

PCB LAYOUT FOR SINGLE SIDE MOUNTING



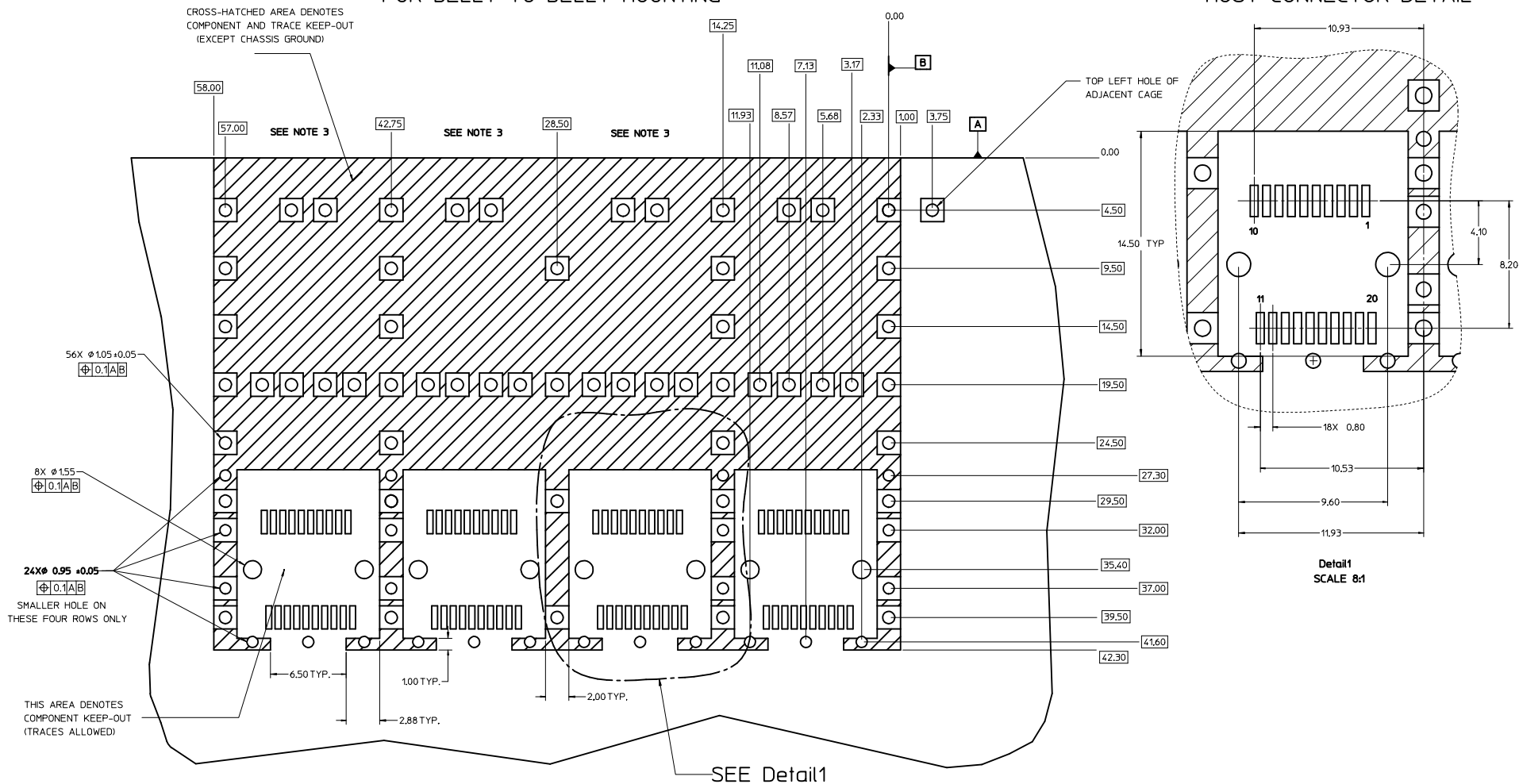
NOTES:

- PADS AND VIAS GO TO CHASSIS GROUND, (34 PLACES).
RECOMMENDED PADS TO BE 2mm SQUARE
- PLATING OPTIONAL FOR THROUGH HOLES, (12 PLACES).
- RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
- HOLE PATTERN REPEATS FOR EACH PORT,
SPACING BETWEEN PORTS IS 14.25 MM
- CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMODATE MOLEX
CONNECTOR SERIES 74441 OR EQUIVALENT.

SEE REVISION TABLE EC NO: CPG2016-1266 DRAWN: THSU CHKD: APPR: RCHEN08 DATE: 2015/06/23 DATE: 2015/09/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	6:1	METRIC	
	▽=0	3 PLACES ± 0.13 ± ---				
	▽=0	2 PLACES ± 0.25 ± ---				
		ANGULAR ± 1 °				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			MATERIAL NO.	DATE	TITLE	
			739270470	2015/09/22	1X4 SFP GAGED CAGE PRESS FIT 3.05MM STAINLESS STEEL	
			DOCUMENT NO.			
			SD-73927-0470			
						SHEET NO. 2 OF 5
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

PCB LAYOUT FOR BELLY TO BELLY MOUNTING

HOST CONNECTOR DETAIL

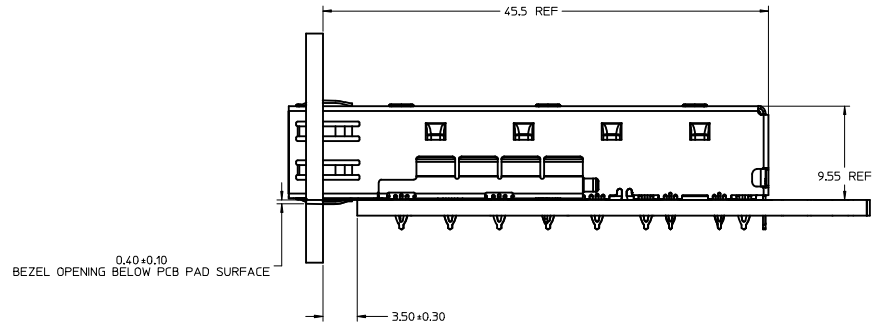
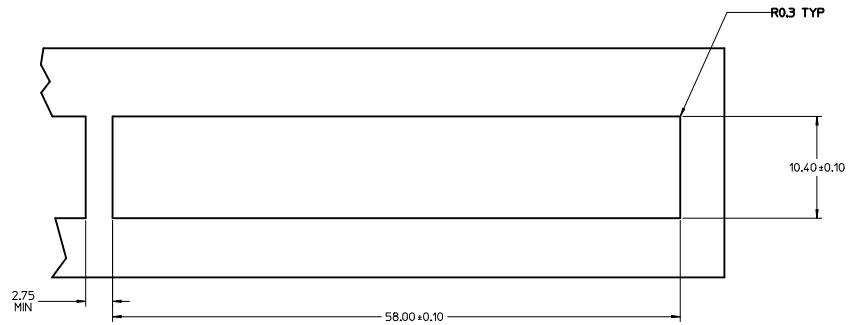


NOTES:

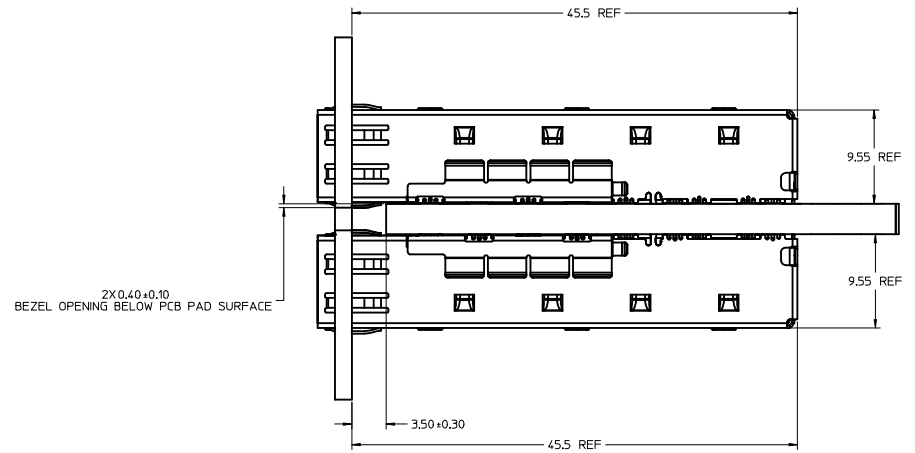
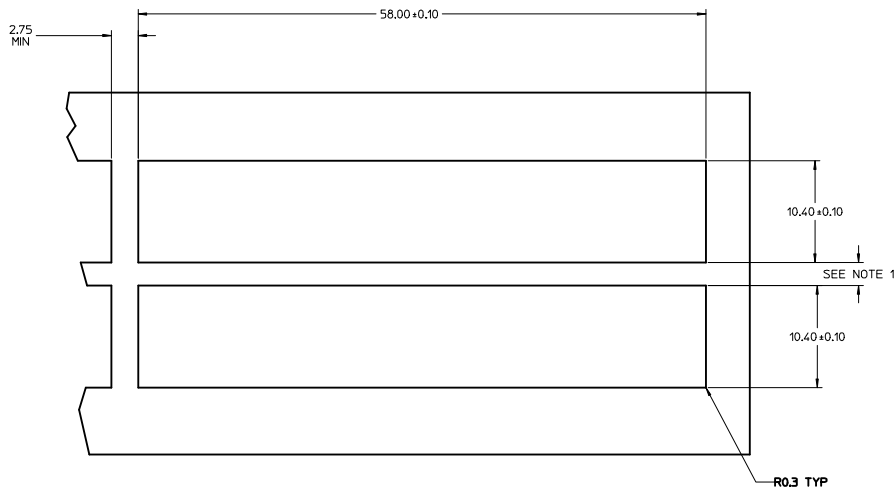
- PADS AND VIAS GO TO CHASSIS GROUND, (64 PLACES).
RECOMMENDED PADS TO BE 2mm SQUARE
- PLATING OPTIONAL FOR THROUGH HOLES, (16 PLACES).
- RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
- HOLE PATTERN REPEATS FOR EACH PORT.
SPACING BETWEEN PORTS IS 14.25 MM
- CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH				
4	PLACES	±	---	±	---			
3	PLACES	±	---	±	---			
2	PLACES	±	0.13	±	---			
1	PLACE	±	0.25	±	---			
0	PLACE	±		±	---			
ANGULAR ± 1 °								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
SEE REVISION TABLE EEC NO: CPG2016-1266 2015/06/23 DRAWN: THSU CHKO: APPROV: RCHEN08 2015/09/22					DRAWN BY: THSU DATE: 2015/06/23 CHECKED BY: RCHEN08 DATE: 2015/09/22 APPROVED BY: RCHEN08 DATE: 2015/09/22		TITLE: 1X4 SFP GAGED CAGE PRESS FIT 3.05MM STAINLESS STEEL molex MATERIAL NO: 739270470 DOCUMENT NO: SD-73927-0470	
					SIZE: D		SHEET NO: 3 OF 5	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING

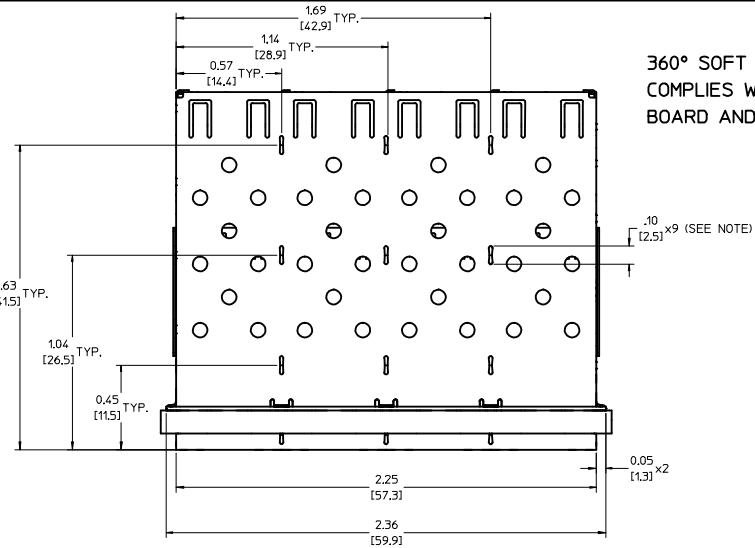


BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING

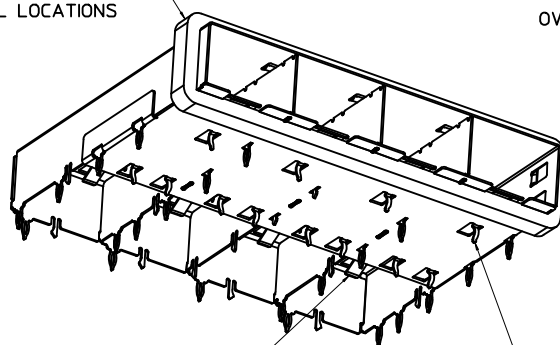


NOTE:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN BEZEL OPENING LOCATION

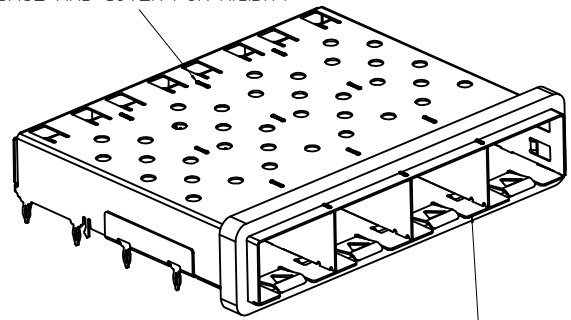
SEE REVISION TABLE IEC NO: CPG2016-1266 DRAWN: THSU CHYK: APPR: RCHEN08 DATE: 2015/06/23 DATE: 2015/09/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm	MM ONLY	4:1	METRIC	☉
	▽=0	3 PLACES ± 0.13				
	▽=0	2 PLACES ± 0.25				
	ANGULAR ± 1 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY THSU	DATE 2015/06/23	TITLE 1X4 SFP GAGED CAGE PRESS FIT 3.05MM STAINLESS STEEL	
			APPROVED BY RCHEN08	DATE 2015/09/22	MATERIAL NO. 739270470	DOCUMENT NO. SD-73927-0470
						SHEET NO. 4 OF 5



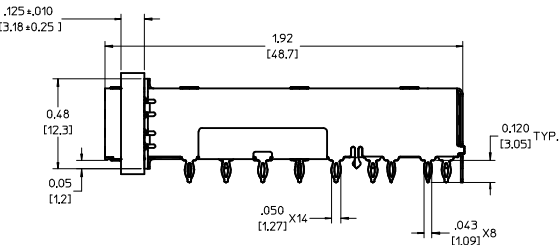
360° SOFT EMI BEZEL GASKET
COMPLIES WITH (SFP) MSA
BOARD AND BEZEL LOCATIONS



INNER WALL TABS ARE COINED
OVER BASE AND COVER FOR RIGIDITY

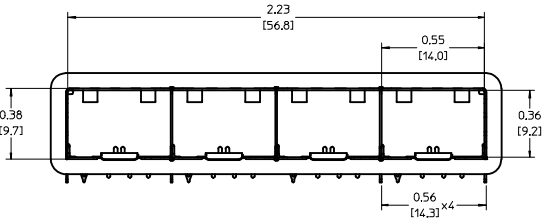


EMI FINGERS
CONTACT ADAPTER



12 UNDER BELLY EMI PINS

DIMENSIONS OF EACH INNER CAGE DESIGNED
TO FUNCTION WITH SMALL FORM-FACTOR
PLUGGABLE (SFP) TRANSCEIVER



NOTES:

1. PRESS FIT LEGS .120" LONG-
0.062 [1.57] MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
0.118 [3.00] MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.

2. MATERIAL: COPPER ALLOY
PLATING: NONE

NOTE: A NICKEL PLATED VERSION OF THIS ASSEMBLY IS AVAILABLE.
REFER TO DOCUMENT SD-74728-420

3. REFERENCE DOCUMENTS:
PRODUCT SPECIFICATION: PS-74728-000
COSMETIC SPECIFICATIONS: WI-HP-7-2774 AND WI-HPA-7-0093
TEST SUMMARY: TS-74728-0415

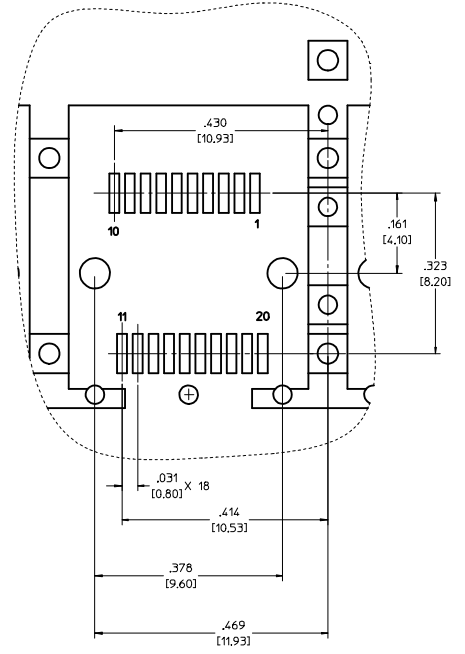
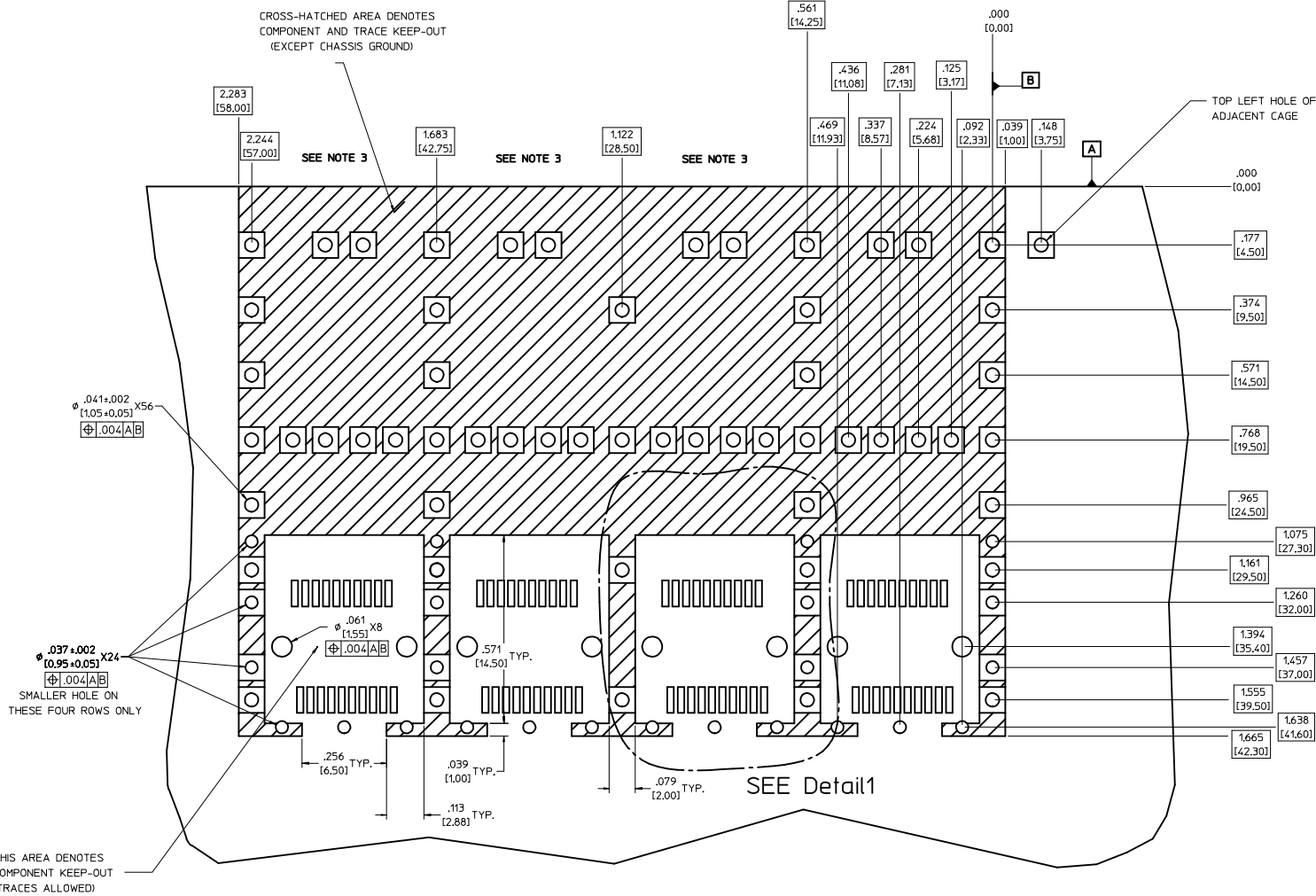
4. THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN
ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC).

ENTER DESCRIPTION IEC NO. USY2006-0078 DRAWN BY 2006/01/17 CHKD BRUSSELL 2006/01/20 APPR BRUSSELL 2006/01/25 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1°		DIMENSION STYLE IN/MM SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	
	DRAWN BY DATE KSI MONSO 2003/05/30		CHECKED BY DATE BRUSSELL 2003/05/30		APPROVED BY DATE BRUSSELL 2003/05/30	
	MATERIAL NO. 739270401		DOCUMENT NO. SD-73927-401		MOLEX INCORPORATED	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		SHEET NO. 1 OF 5	

PCB LAYOUT FOR BELLY TO BELLY MOUNTING

CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

HOST CONNECTOR DETAIL



Detail 1
SCALE 8:1

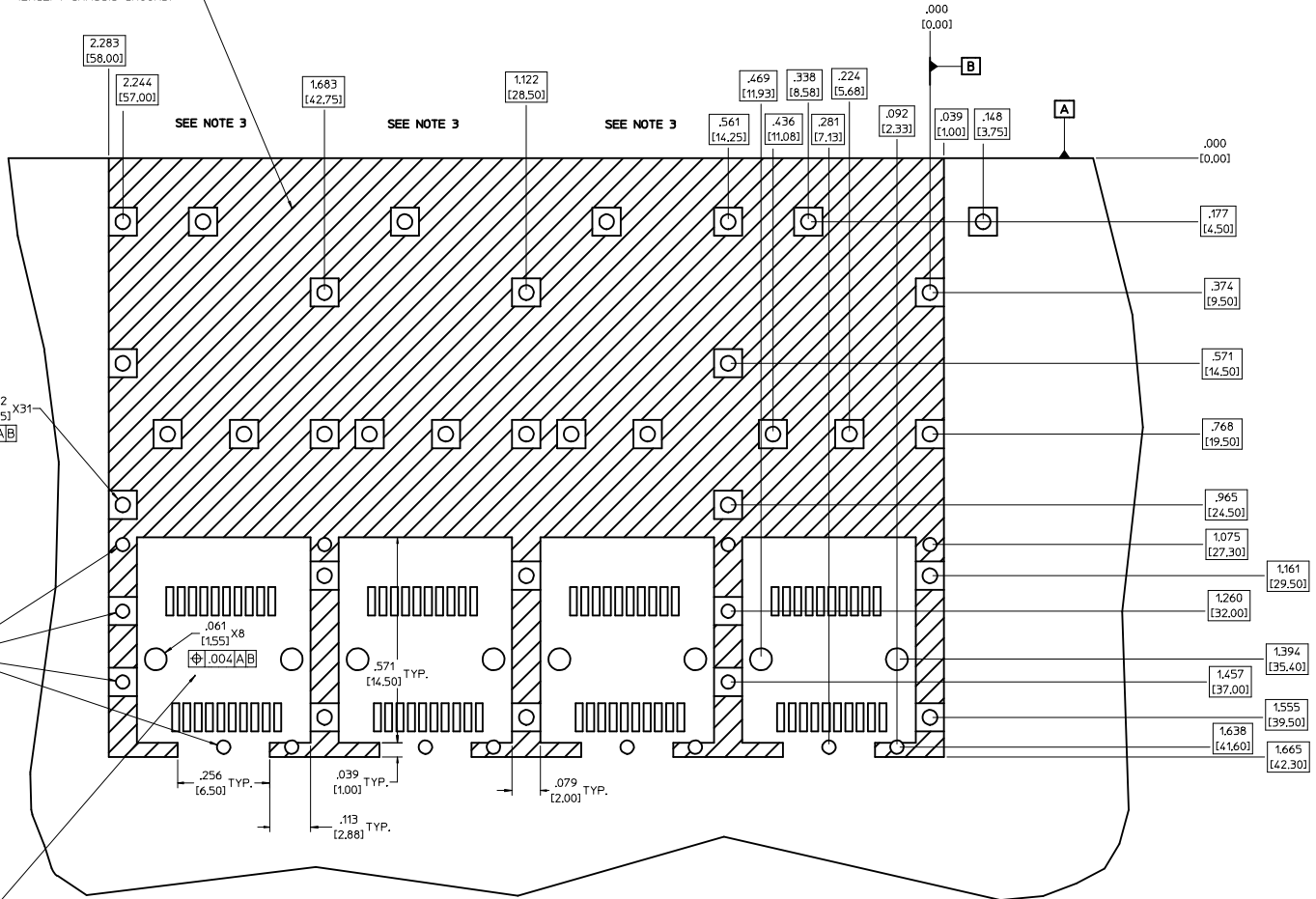
NOTES:

1. PADS AND VIAS GO TO CHASSIS GROUND, (64 PLACES), RECOMMENDED PADS TO BE 2mm SQUARE
2. PLATING OPTIONAL FOR THROUGH HOLES (16 PLACES).
3. RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
4. HOLE PATTERN REPEATS FOR EACH PORT.
SPACING BETWEEN PORTS IS 5.61 [14.25]
5. CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

ENTER DESCRIPTION IEC NO: USY2006-0078 DRAWN BY: DRINKS MONSON 2006/01/17 CHECKED BY: CHYK BRUSSELL 2006/01/20 APPR: BRUSSELL 2006/01/25	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± .--- ± .---	INCH	DRAWN BY KS MONSON	DATE 2003/05/30	TITLE 1X4 SFP GANGED CAGE ASSEMBLY, PRESS FIT			
		3 PLACES ± .--- ± .005	± .005	CHECKED BY BRUSSELL	DATE 2003/05/30	MOLEX INCORPORATED			
		2 PLACES ± 0.13 ± .01	± .01	APPROVED BY BRUSSELL	DATE 2003/05/30	MATERIAL NO. 739270401	DOCUMENT NO. SD-73927-401	SHEET NO. 2 OF 5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 1 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

PCB LAYOUT FOR SINGLE SIDE MOUNTING

CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)



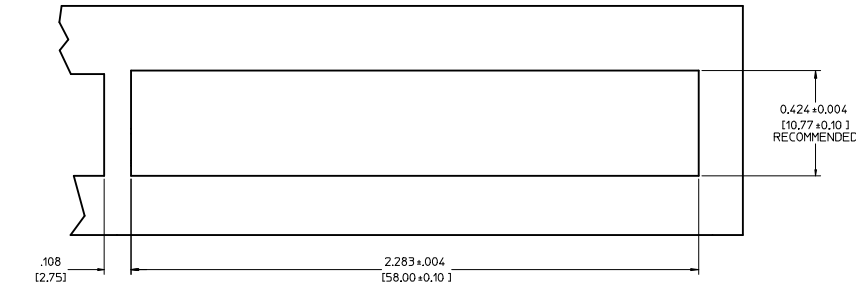
.041±.002
[1.05±0.05] X31
⊕.004[A|B]

.037±.002
[0.95±0.05] X16
⊕.004[A|B]
SMALLER HOLE ON
THESE FOUR ROWS ONLY

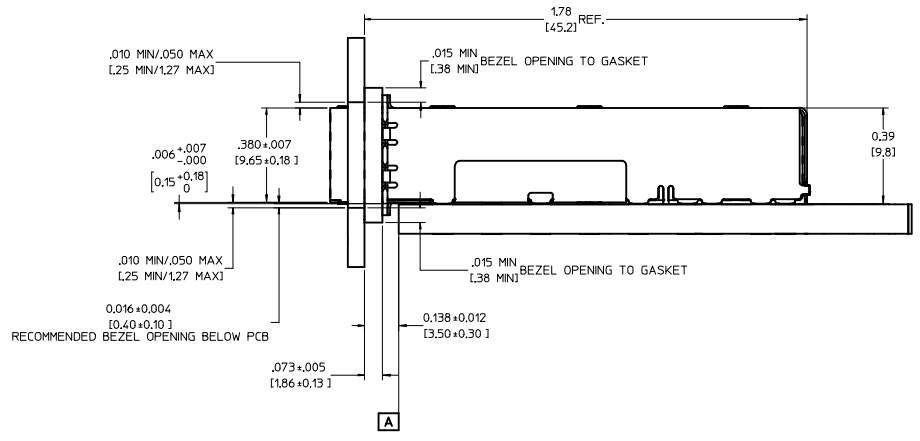
THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

- NOTES:**
1. PADS AND VIAS GO TO CHASSIS GROUND, (34 PLACES), RECOMMENDED PADS TO BE 2mm SQUARE
 2. PLATING OPTIONAL FOR THROUGH HOLES (12 PLACES).
 3. RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
 4. HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 5.61 [14.25]
 5. CONNECTOR PAD LAYOUT PER SFP MSA, WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

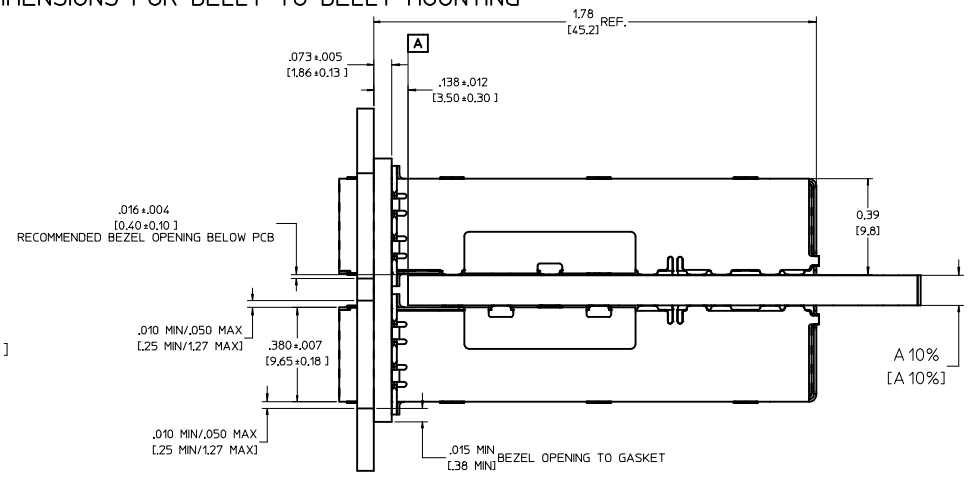
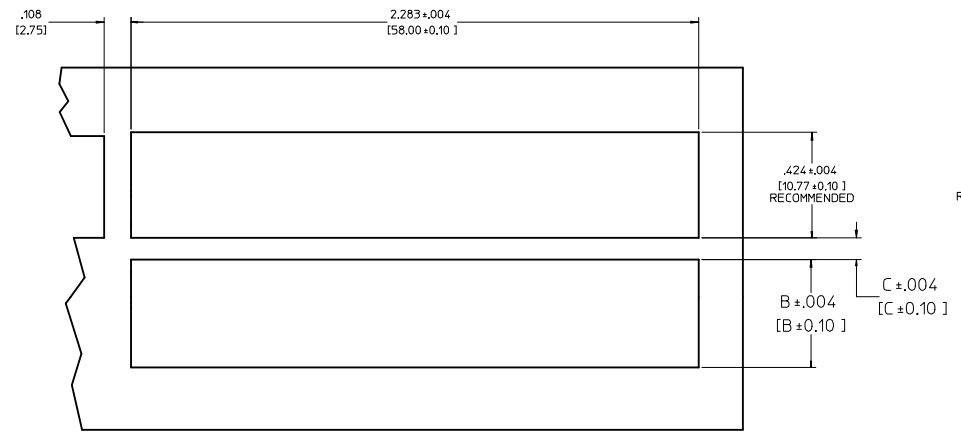
ENTER DESCRIPTION IEC NO: USY2006-0078 DRAWN BY: MONSON 2006/01/17 CHKD BY: BRUSSELL 2006/01/20 APPR: BRUSSELL 2006/01/25 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ±--- ±--- 3 PLACES ±--- ±.005 2 PLACES ±0.13 ±.01 1 PLACE ±0.25 ±--- ANGULAR ± 1°	DIMENSION STYLE IN/MM SCALE 6:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: KS (MONSO) 2003/05/30 CHECKED BY: BRUSSELL 2003/05/30 APPROVED BY: BRUSSELL 2003/05/30	TITLE 1X4 SFP GANGED CAGE ASSEMBLY, PRESS FIT
	MATERIAL NO. 739270401	DOCUMENT NO. SD-73927-401	MOLEX INCORPORATED
	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SHEET NO. 3 OF 5



BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



NOTE: FOR A GIVEN BOARD THICKNESS (A), DIMENSIONS (B) AND (C) ARE DIRECTLY AFFECTED.

USE RECOMMENDED DIMENSIONS AND TOLERANCES TO AID IN DEVELOPING BEZEL OPENING.

FOR EXAMPLE USING A BOARD THICKNESS OF .125" THE RECOMMENDED VALUES WOULD BE:

- A= .125/3.18 ±10%
- B= .434/11.03 ±.004
- C= .088/2.23 ±.004

ENTER DESCRIPTION IEC NO: USY2006-0078 DRAWN BY: KSI MONSON 2006/01/17 CHECKED BY: CHYKORUSSELL 2006/01/20 APPROVED BY: BRUSSELL 2006/01/25 REV: D	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼=0 ▽=0	4 PLACES ±--- ±--- 3 PLACES ±--- ±.005 2 PLACES ±0.13 ±.01 1 PLACE ±0.25 ±--- ANGULAR ± 1°	IN/MM INCH	4:1	METRIC	☉ □ THIRD ANGLE PROJECTION
	DRAWN BY: KSI MONSON 2003/05/30 CHECKED BY: BRUSSELL 2003/05/30 APPROVED BY: BRUSSELL 2003/05/30	MATERIAL NO. 739270401	TITLE 1X4 SFP GANGED CAGE ASSEMBLY, PRESS FIT	DOCUMENT NO. SD-73927-401	MOLEX INCORPORATED	SHEET NO. 4 OF 5
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

DATE	REV	CHANGES	COMMENTS
05/29/2003	A	INITIAL RELEASE	N/A
03/25/2004	B	UPDATE VIEWS WITH COVER MODIFICATIONS	N/A
10/12/2004	C	UPDATED VIEWS	DOCUMENT CHANGE ONLY
10/07/2005	D	ADDED PCB AND BEZEL LAYOUT. UPDATED NOTES.	DOCUMENT CHANGE ONLY

ENTER DESCRIPTION EEC NO: USY2006-0078 DRAWN BY: JORDAN SIMONSON 2006/01/17 CHECKED BY: CHYD BRUSSELL 2006/01/20 APPROVED BY: APPR: BRUSSELL 2006/01/25	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	DRAWN BY: KSIMONSON 2003/05/30 CHECKED BY: BRUSSELL 2003/05/30 APPROVED BY: BRUSSELL 2003/05/30	TITLE 1X4 SFP GANGED CAGE ASSEMBLY, PRESS FIT		MATERIAL NO. 739270401		DOCUMENT NO. SD-73927-401
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SHEET NO. 5 OF 5

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1