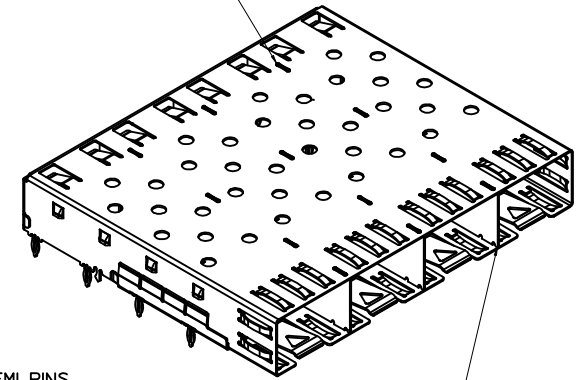
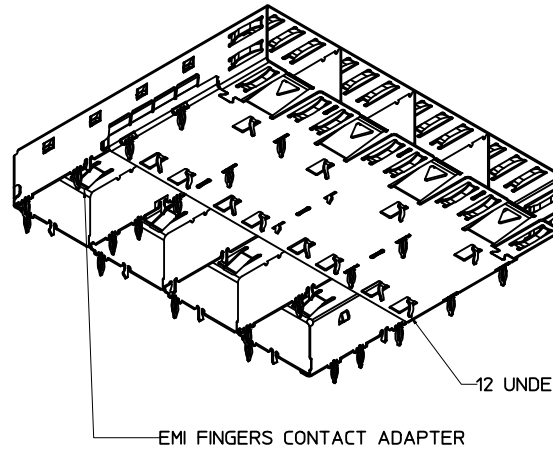
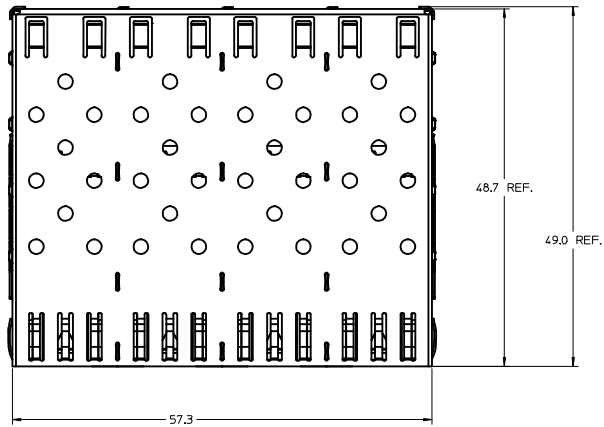
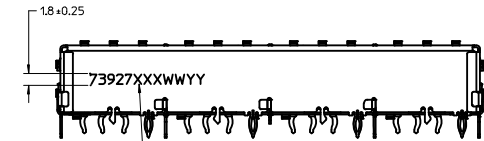
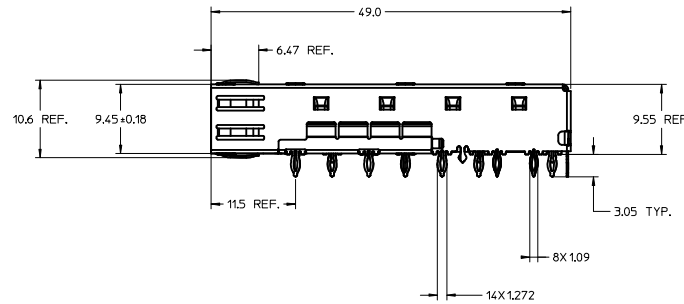
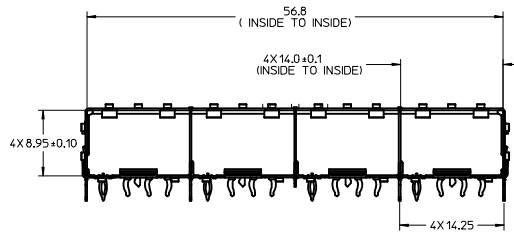


MM 3D MODEL: TM-73927-0470



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.

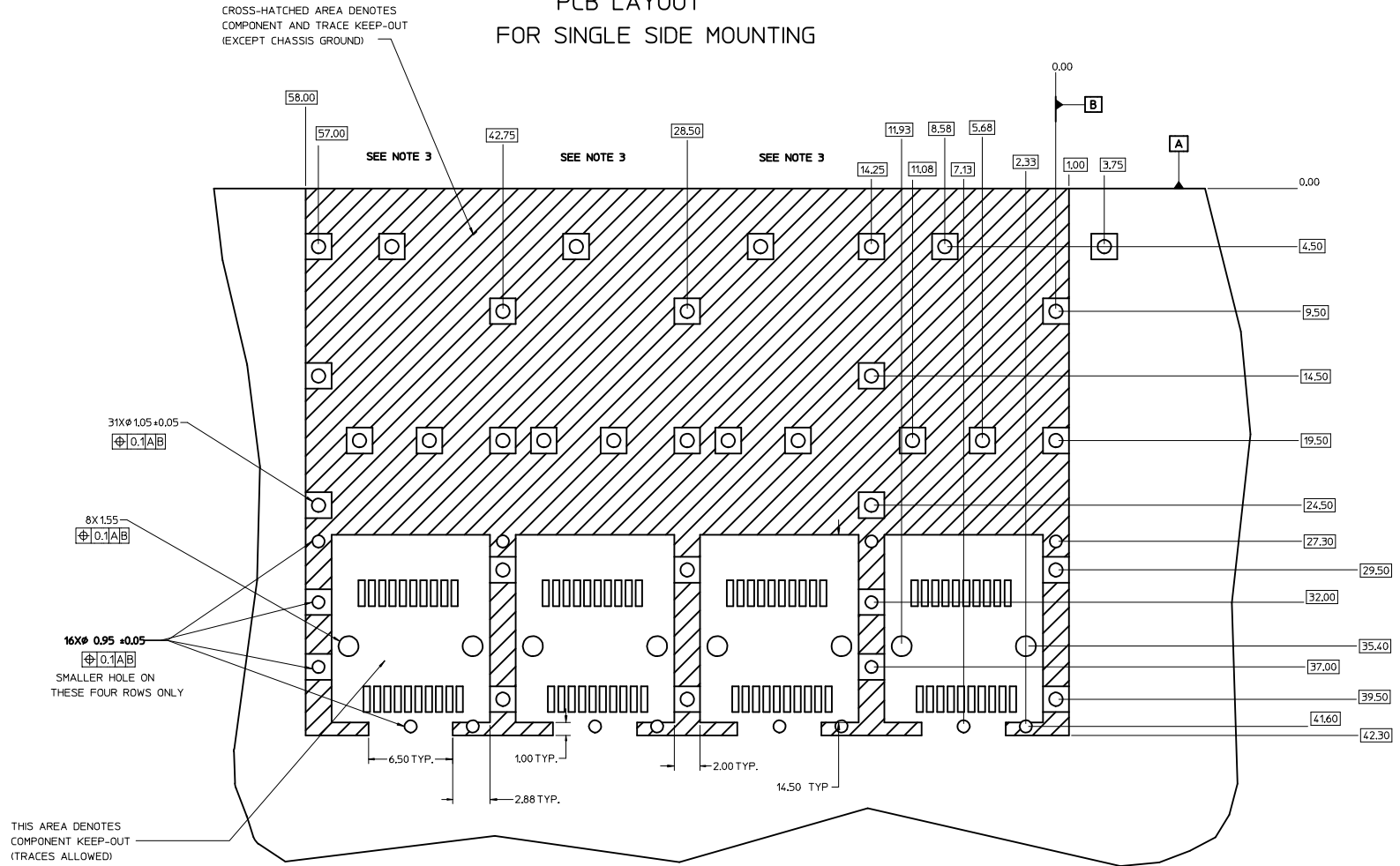
WEEK/YEAR DATE CODE TABLE	
WW	01 THRU 52 OR 53 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YY	15, 16, 17 ETC. EXAMPLE: YEAR 2015 = 15

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



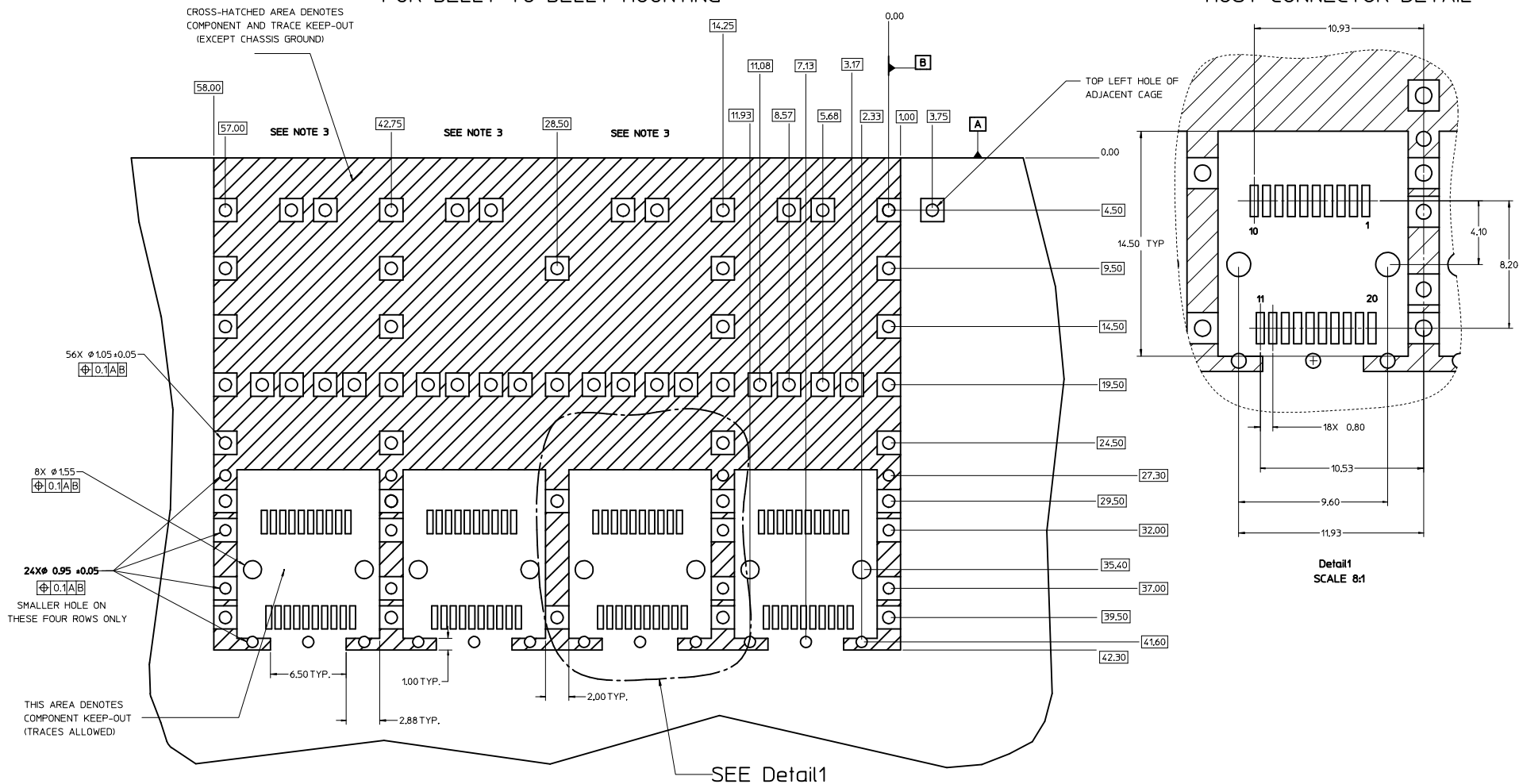
**NOTES:**

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 14.25 MM
5. CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMODATE MOLEX  
CONNECTOR SERIES 74441 OR EQUIVALENT.

<b>SEE REVISION TABLE</b> EC NO: CPG2016-1266 DRAWN: THSU 2015/06/23 CHKD: APPR: RCHEN08 2015/09/22	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± 0.13	± 0.005	3 PLACES	± 0.13	± 0.005	2 PLACES	± 0.13	± 0.005	1 PLACE	± 0.25	± 0.010	0 PLACE	±	±	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: THSU CHECKED BY: DATE APPROVED BY: RCHEN08 DATE: 2015/09/22	SCALE <b>6:1</b> DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION TITLE <b>1X4 SFP GAGED CAGE PRESS FIT 3.05MM STAINLESS STEEL</b> <b>molex</b> MATERIAL NO. <b>739270470</b> DOCUMENT NO. <b>SD-73927-0470</b>	SHEET NO. <b>2 OF 5</b>
		mm	INCH																					
	4 PLACES	± 0.13	± 0.005																					
	3 PLACES	± 0.13	± 0.005																					
2 PLACES	± 0.13	± 0.005																						
1 PLACE	± 0.25	± 0.010																						
0 PLACE	±	±																						
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

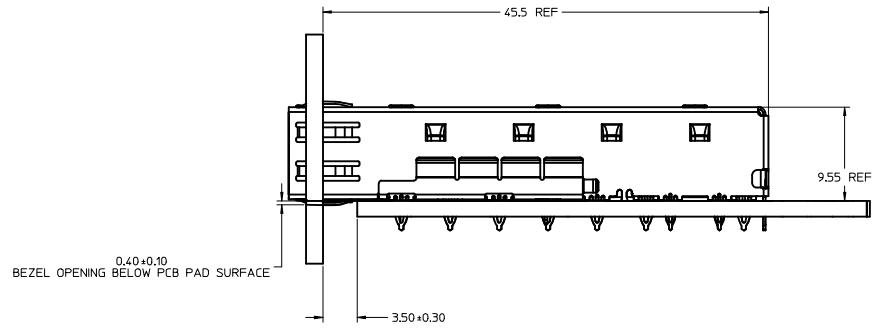
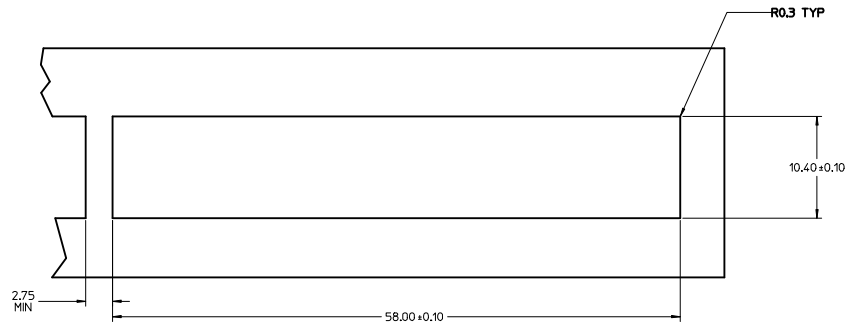


### NOTES:

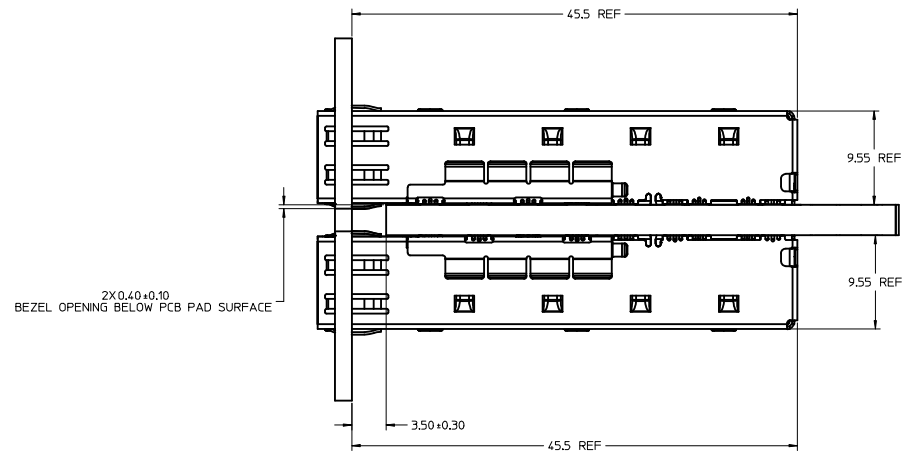
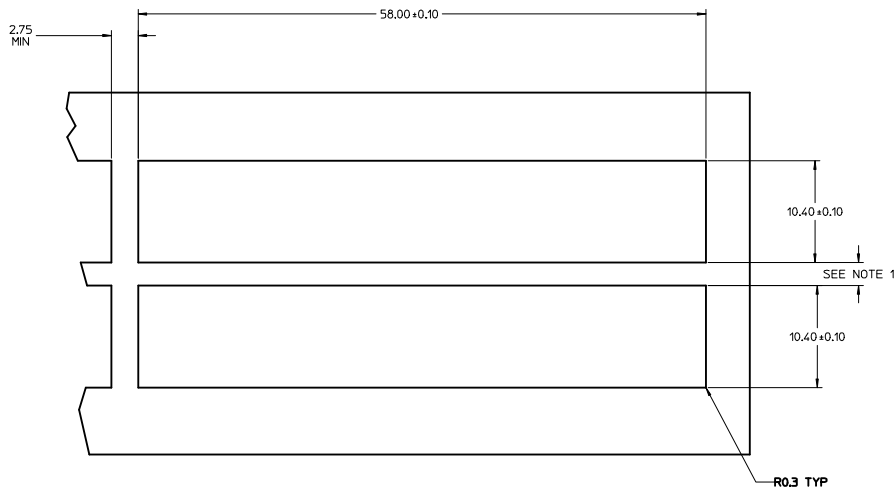
- PADS AND VIAS GO TO CHASSIS GROUND, (64 PLACES).  
RECOMMENDED PADS TO BE 2mm SQUARE
- PLATING OPTIONAL FOR THROUGH HOLES, (16 PLACES).
- RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
- HOLE PATTERN REPEATS FOR EACH PORT.  
SPACING BETWEEN PORTS IS 14.25 MM
- CONNECTOR 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					
<b>SEE REVISION TABLE</b> EEC NO: CPG2016-1266 2015/06/23 DRAWN: THSU CHKO: APPROV: RCHEN08 2015/09/22					DRAWN BY: THSU DATE: 2015/06/23 CHECKED BY: DATE:		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	
					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



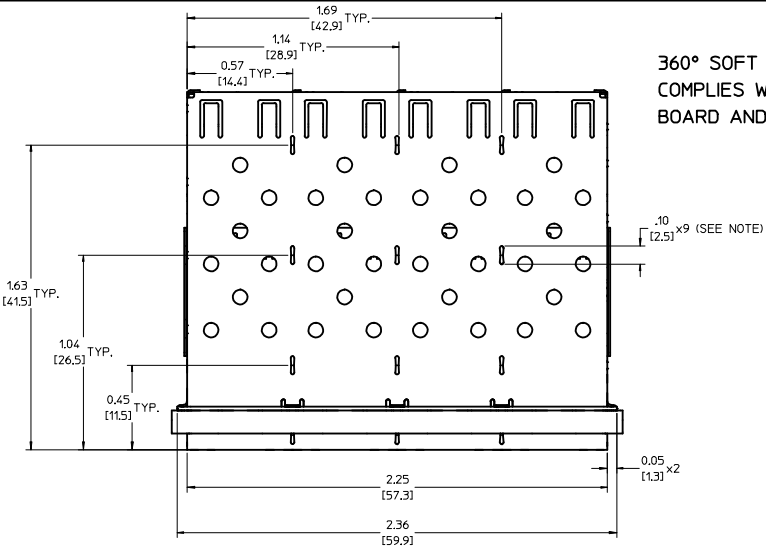
BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



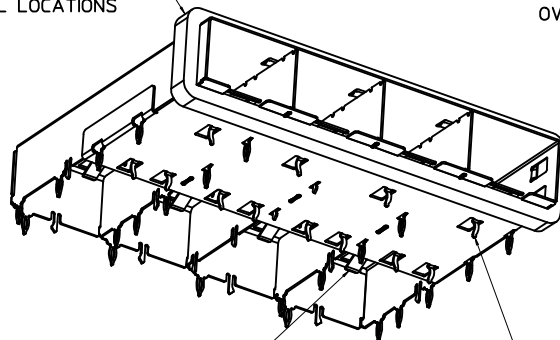
NOTE:  
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN BEZEL OPENING LOCATION

<b>SEE REVISION TABLE</b> IEC NO: CPG2016-1266 DRAWN: THSU CHKD: 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	INCH			
	▽=0	2 PLACES ± 0.25				
		ANGULAR ± 1 °	DRAWN BY	DATE	TITLE	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THSU	2015/06/23	1X4 SFP GAGED CAGE PRESS FIT 3.05MM STAINLESS STEEL	
			CHECKED BY	DATE	APPROVED BY	
			RCHEN08	2015/09/22	DATE	
					MATERIAL NO.	DOCUMENT NO.
					739270470	SD-73927-0470
					SIZE	SHEET NO.
					D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	4 OF 5

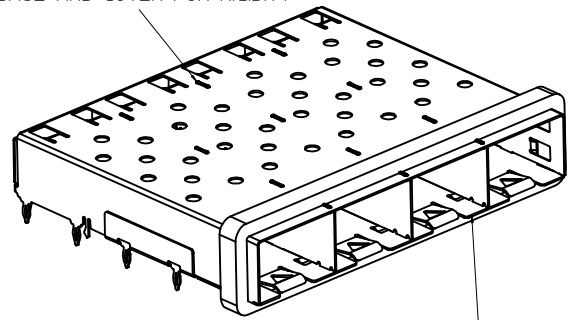




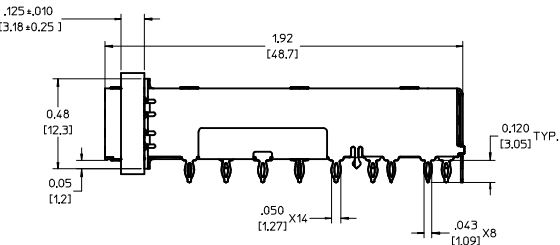
360° SOFT EMI BEZEL GASKET  
COMPLIES WITH (SFP) MSA  
BOARD AND BEZEL LOCATIONS



INNER WALL TABS ARE COINED  
OVER BASE AND COVER FOR RIGIDITY



EMI FINGERS  
CONTACT ADAPTER



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

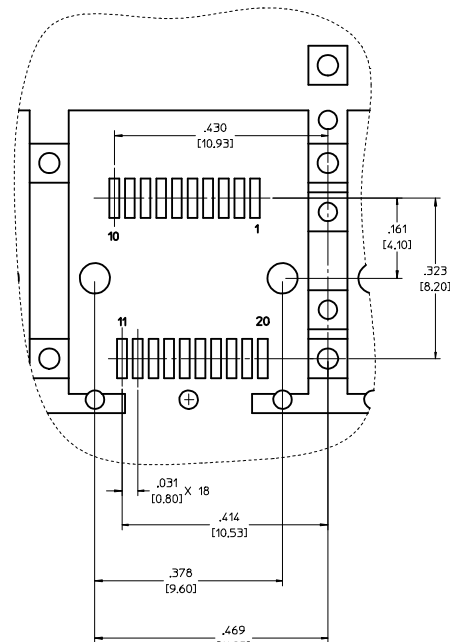
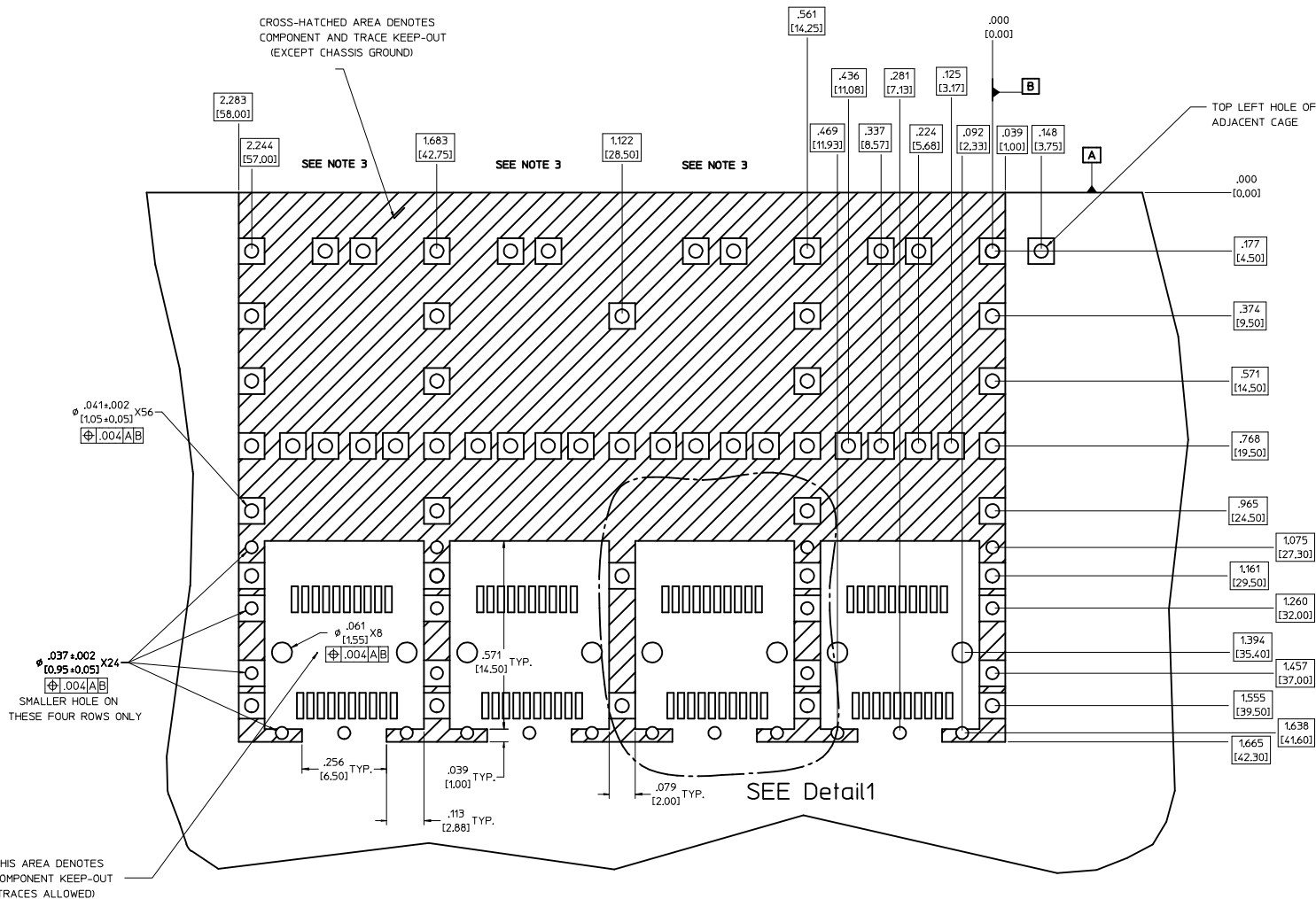
4. THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN  
ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC).

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

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.

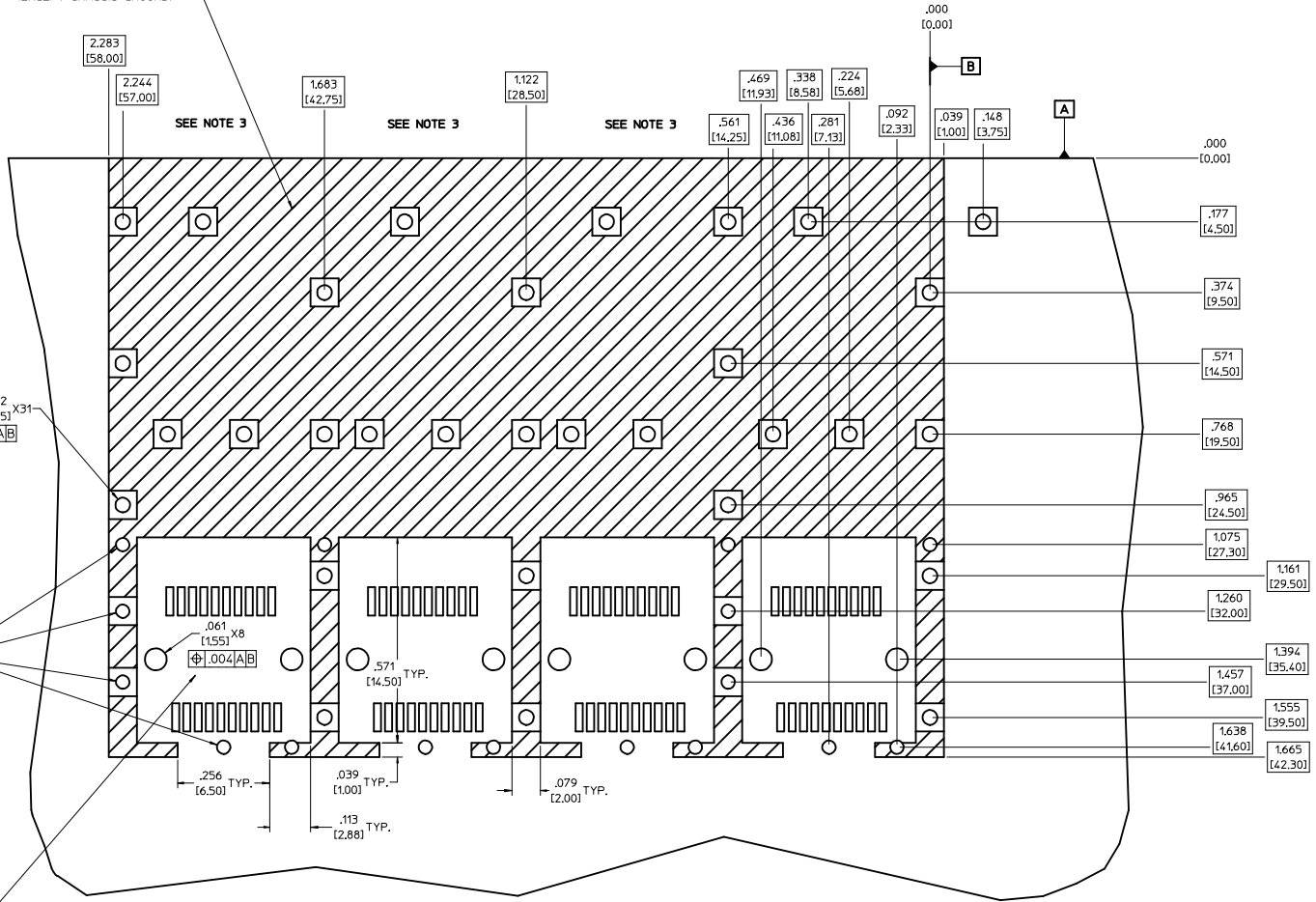
<b>ENTER DESCRIPTION</b> IEC NO: USY2006-0078 DRAWN BY: DRINKS MONSON 2006/01/17 CHYK BRUSSELL 2006/01/20 APPR: BRUSSELL 2006/01/25	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> IN/MM		<b>SCALE</b> 6:1		<b>DESIGN UNITS</b> METRIC		THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- INCH 3 PLACES ± --- ± .005		DRAWN BY: KS MONSON DATE: 2003/05/30		<b>TITLE</b> 1X4 SFP GANGED CAGE ASSEMBLY, PRESS FIT					
		2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± ---		CHECKED BY: BRUSSELL DATE: 2003/05/30							
		ANGULAR ± 1 °		APPROVED BY: BRUSSELL DATE: 2003/05/30		<b>MATERIAL NO.</b> 739270401		<b>DOCUMENT NO.</b> SD-73927-401		<b>SHEET NO.</b> 2 OF 5	

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

# PCB LAYOUT FOR SINGLE SIDE MOUNTING

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



$\phi .041 \pm .002$   
[1.05 ± 0.05] X31  
 $\phi .004$  [A/B]

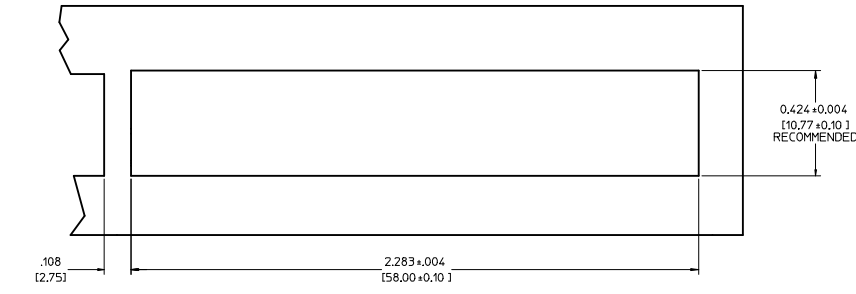
$\phi .037 \pm .002$   
[0.95 ± 0.05] X16  
 $\phi .004$  [A/B]  
SMALLER HOLE ON  
THESE FOUR ROWS ONLY

THIS AREA DENOTES  
COMPONENT KEEP-OUT  
(TRACES ALLOWED)

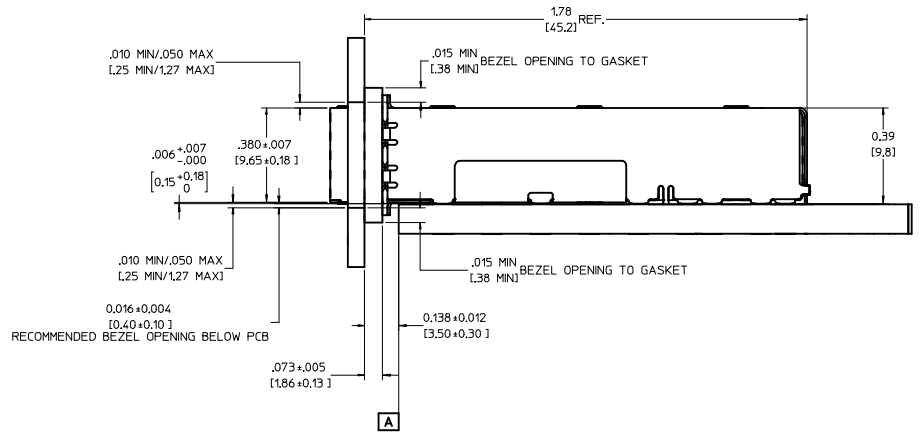
- NOTES:**
1. PADS AND VIAS GO TO CHASSIS GROUND, (34 PLACES), RECOMMENDED PADS TO BE 2mm SQUARE
  2. PLATING OPTIONAL FOR THROUGH HOLES (12 PLACES).
  3. RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
  4. HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 5.61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

<b>ENTER DESCRIPTION</b> IEC NO: USY2006-0078 DRAWN BY: MONSON 2006/01/17 CHYKORUSSELL 2006/01/20 APPROV: BRUSSELL 2006/01/25 REV: DESCRIPTION	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <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>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .---</td> </tr> </tbody> </table> ANGULAR ± 1°		mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .005	2 PLACES	± 0.13	± .01	1 PLACE	± 0.25	± .---	<b>DIMENSION STYLE</b> IN/MM SCALE: 6:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION
		mm	INCH															
	4 PLACES	± .---	± .---															
3 PLACES	± .---	± .005																
2 PLACES	± 0.13	± .01																
1 PLACE	± 0.25	± .---																
DRAWN BY: KS (MONSO) 2003/05/30 CHECKED BY: BRUSSELL 2003/05/30 APPROVED BY: BRUSSELL 2003/05/30	MATERIAL NO: 739270401 DOCUMENT NO: SD-73927-401	TITLE: 1X4 SFP GANGED CAGE ASSEMBLY, PRESS FIT MOLEX INCORPORATED	SHEET NO: 3 OF 5															
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																		

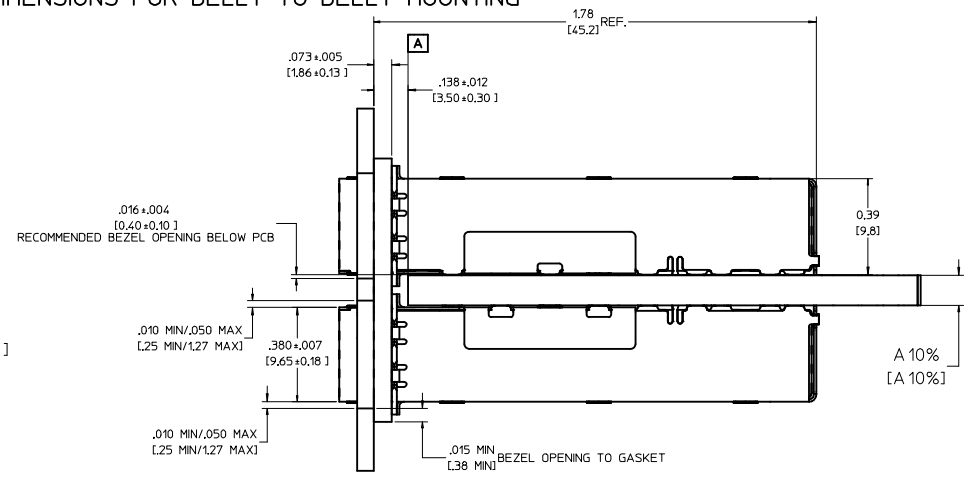
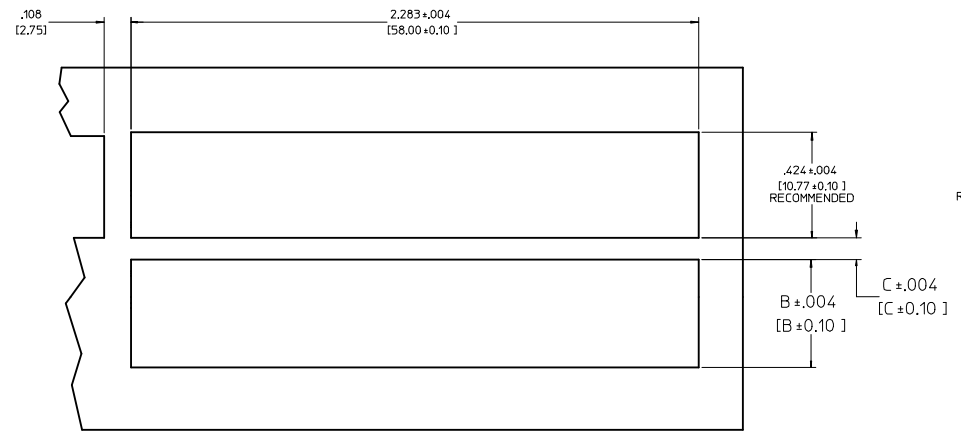




BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



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

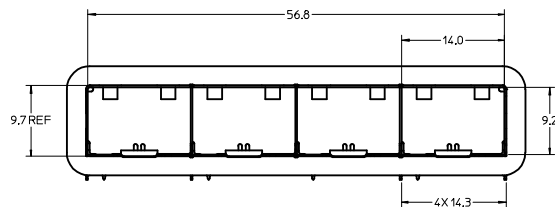
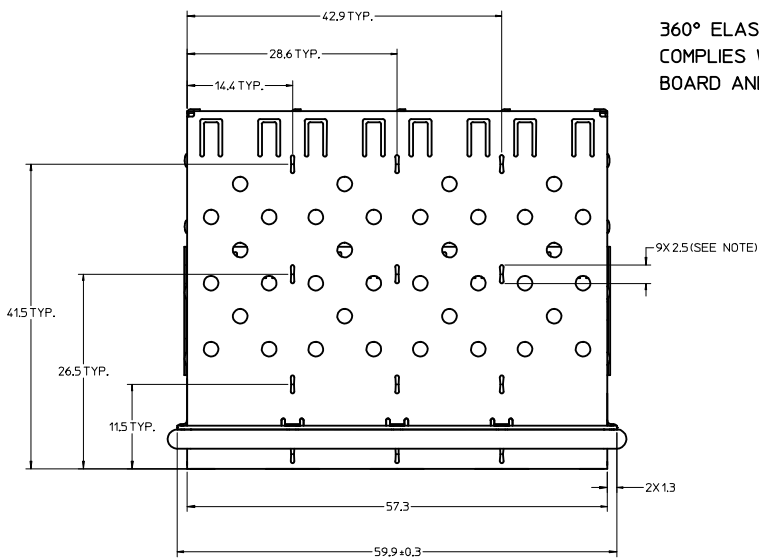
<b>ENTER DESCRIPTION</b> IEC NO.: USY2006-0078 DRAWN BY: KSI MONSON 2006/01/17 CHYKORUSSELL 2006/01/20 APPROVED BY: BRUSSELL 2006/01/25	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼=0 ▽=0	4 PLACES ±.--- ±.--- 3 PLACES ±.--- ±.005 2 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	TITLE: 1X4 SFP GANGED CAGE ASSEMBLY, PRESS FIT		MOLEX INCORPORATED		
	MATERIAL NO.: 739270401 SIZE: D	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NO.: SD-73927-401	SHEET NO.: 4 OF 5	

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

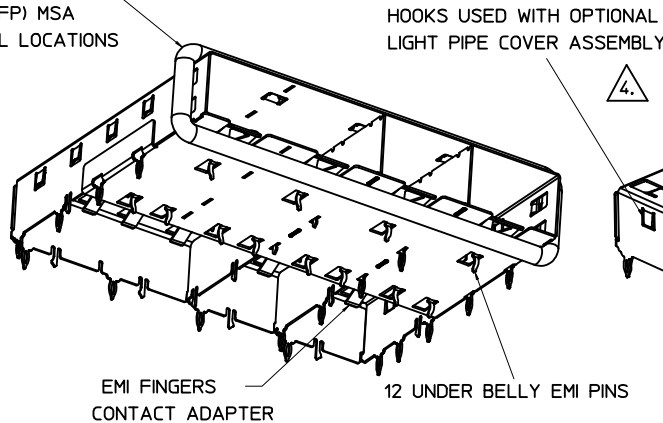
DATE	REV	CHANGES	COMMENTS
05/29/2003	A	INITIAL RELEASE	N/A
03/25/2004	B	UPDATE VIEWS WITH COVER MODIFICATIONS	N/A
10/12/2004	C	UPDATED VIEWS	DOCUMENT CHANGE ONLY
10/07/2005	D	ADDED PCB AND BEZEL LAYOUT. UPDATED NOTES.	DOCUMENT CHANGE ONLY

<b>ENTER DESCRIPTION</b> 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	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		DIMENSION STYLE <b>IN/MM</b>	SCALE <b>1:1</b>	DESIGN UNITS <b>METRIC</b>	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 <b>1X4 SFP GANGED CAGE ASSEMBLY, PRESS FIT</b>		MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>739270401</b>	DOCUMENT NO. <b>SD-73927-401</b>		SHEET NO. <b>5 OF 5</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

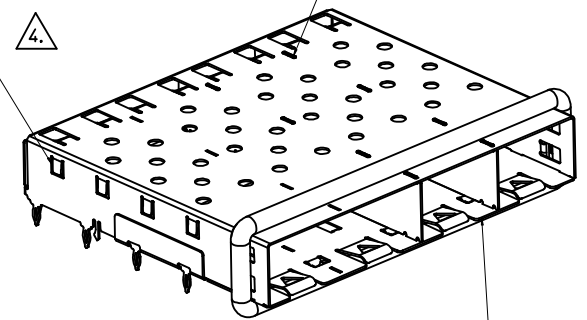
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



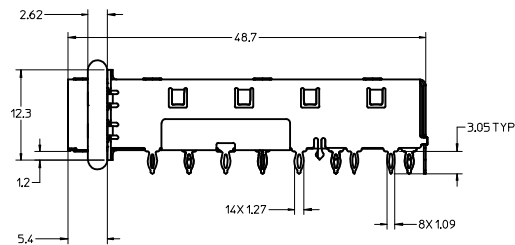
360° ELASTOMER GASKET COMPLIES WITH (SFP) MSA BOARD AND BEZEL LOCATIONS



INNER WALL TABS ARE COINED OVER BASE AND COVER FOR RIGIDITY



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



PART NUMBER	ELASTOMERIC GASKET FLAMMABILITY RATING
747280415	
747280424	EQUATE TO UL94 V-0

NOTES:

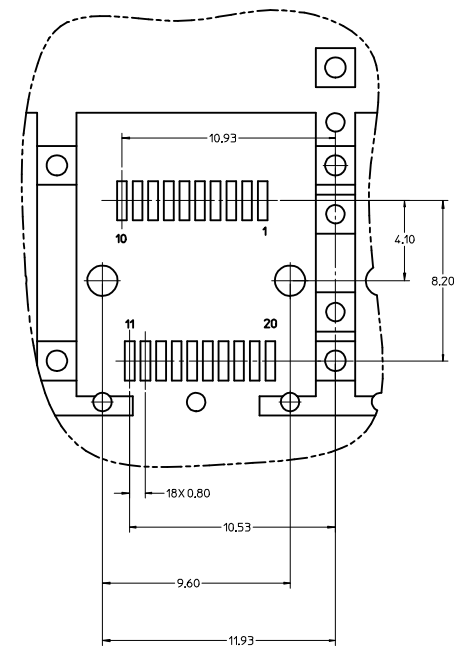
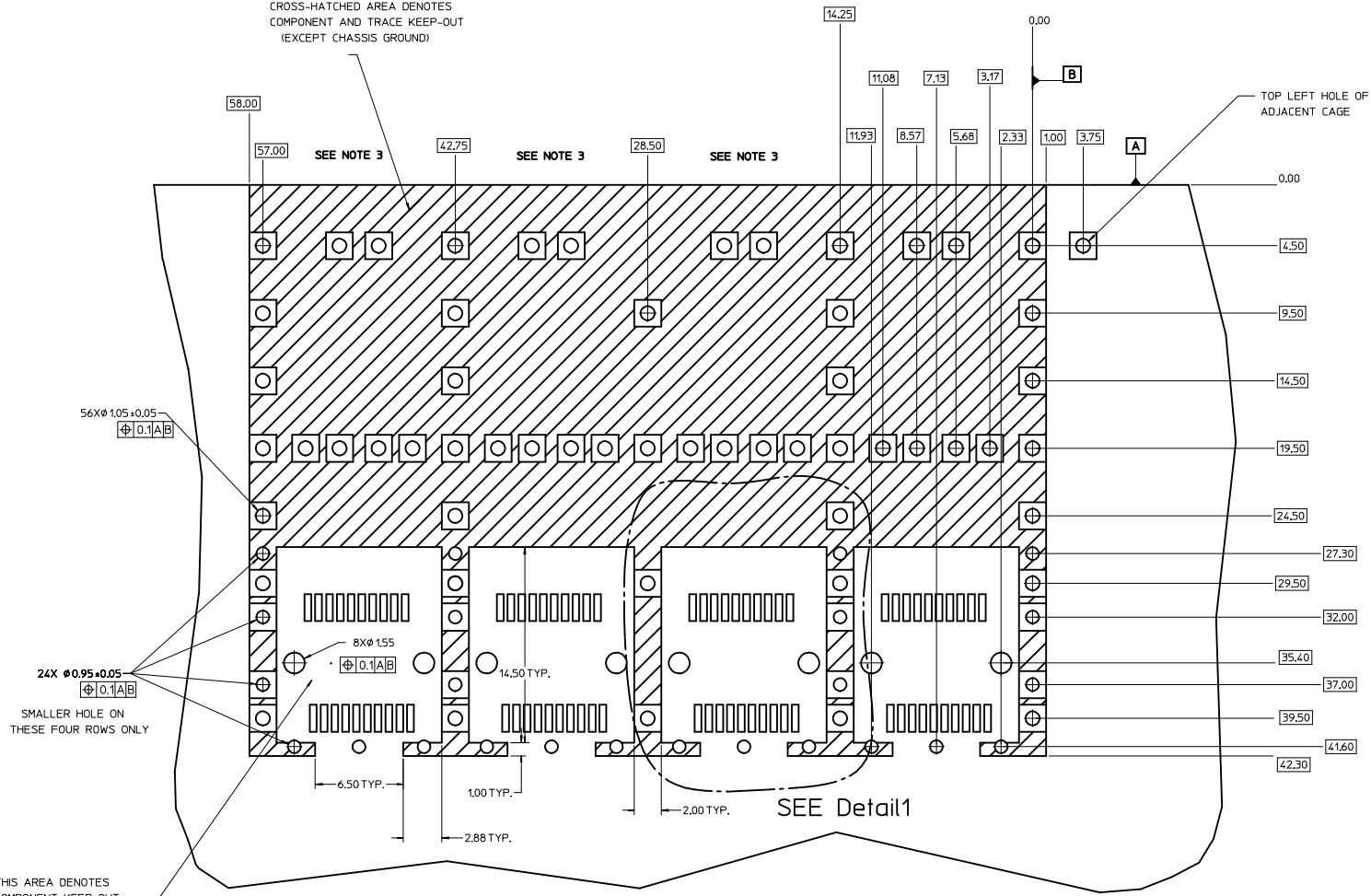
- PRESS FIT LEGS 3.05 LONG-  
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.  
3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
  - MATERIAL: COPPER ALLOY  
PLATING: NONE.  
NOTE: A PRE-PLATED NICKEL VERSION IS AVAILABLE.  
REFER TO DOCUMENT SD-74728-420.
  - REFERENCE DOCUMENTS:  
PRODUCT SPECIFICATION: PS-74728-000.  
COSMETIC SPECIFICATIONS: WI-HP-7-2774 AND WI-HPA-7-0093.  
TEST SUMMARY: TS-74728-0415.
- ▲ MATES WITH SERIES 74728, LIGHT PIPE COVER ASSEMBLY.  
5. NO RoHS EXEMPTIONS.

<b>SEE REVISION TABLE</b> EC NO: CPG2014-3390 DRAWN LIZO 2014/05/09 CHYKORCHENOS 2014/05/09 APPR RCHENOS 2014/06/30	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 1X4 SFP GANGED CAGE ASSY, W/ 0.103 GASKET PRESS FIT, F/ LIGHT PIPE
	▽=0	2 PLACES ± 0.13 + ---	CHECKED BY DATE			
	1 PLACE ± 0.25 + ---	APPROVED BY DATE				MATERIAL NO. DOCUMENT NO. SEE P/N TABLE SD-74728-415
	0 PLACE ± +	DATE				
		ANGULAR ± 1 °				SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				1 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

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

## HOST CONNECTOR DETAIL



Detail1  
SCALE 8:1

56X $\phi$  1.05 $\pm$ 0.05  
 $\phi$  0.1[A|B]

24X  $\phi$  0.95 $\pm$ 0.05  
 $\phi$  0.1[A|B]

SMALLER HOLE ON  
THESE FOUR ROWS ONLY

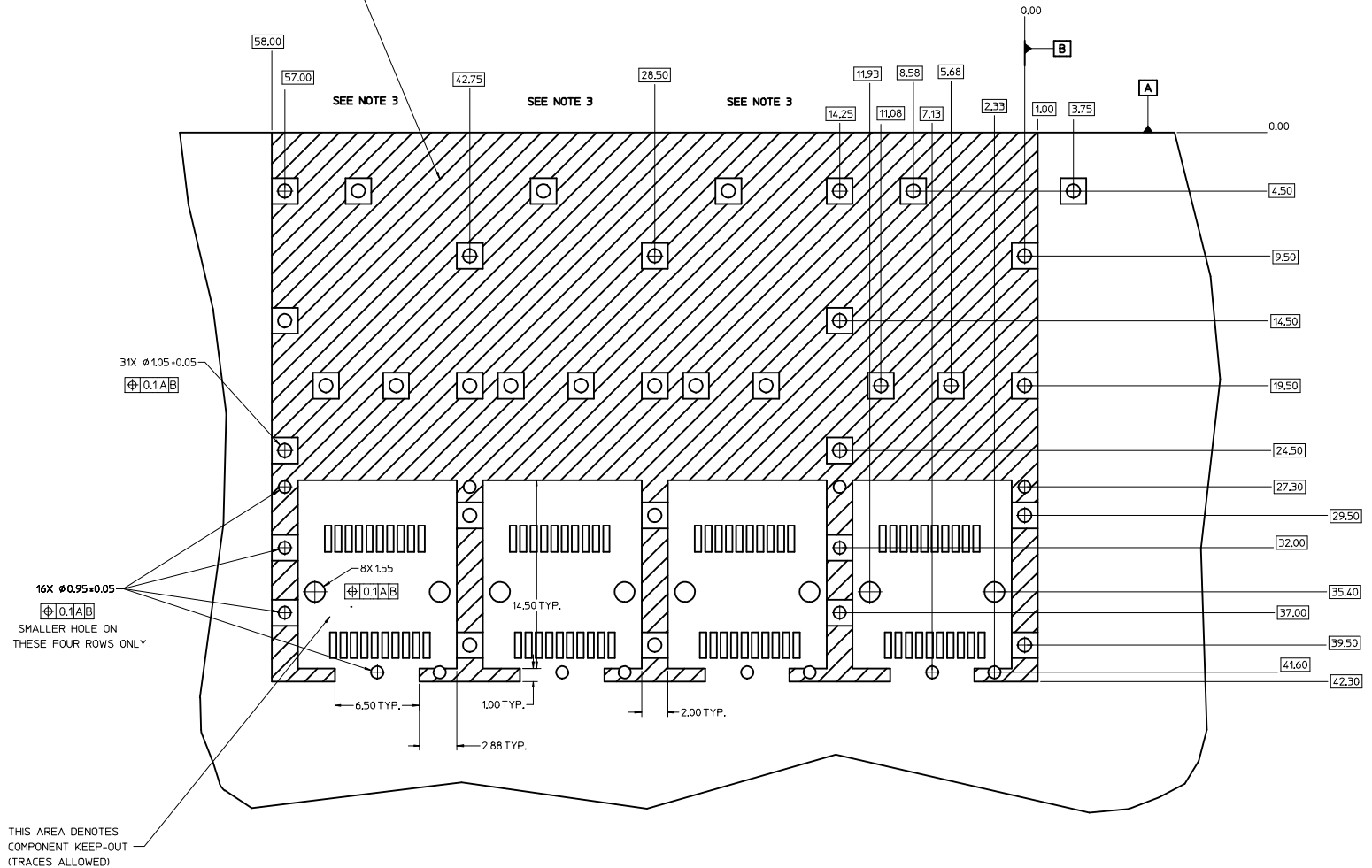
THIS AREA DENOTES  
COMPONENT KEEP-OUT  
(TRACES ALLOWED)

- 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

SEE REVISION TABLE		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
REV	DESCRIPTION	$\nabla=0$	$\nabla=0$	mm	INCH	MM ONLY	DATE	6:1	METRIC				
1	DRWNLUZO 2014/05/09	4 PLACES	3 PLACES	±---	±---		2004/10/09			<b>1X4 SFP GANGED CAGE ASSY, W/ 0.103 GASKET PRESS FIT, F/ LIGHT PIPE</b> <b>molex</b> MATERIAL NO. SEE P/N TABLE DOCUMENT NO. SD-74728-415			
2	CHKORCHEN08 2014/05/09	2 PLACES	1 PLACE	±0.13	±---		2004/10/09						
3	APPRORCHEN08 2014/06/20	0 PLACE	0 PLACE	±0.25	±---		2004/10/09						
EC NO: CPG2014-3390 DRWNLUZO 2014/05/09 CHKORCHEN08 2014/05/09 APPRORCHEN08 2014/06/20		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 1 °		SEE P/N TABLE		DATE					SHEET NO. 2 OF 5

# PCB LAYOUT FOR SINGLE SIDE MOUNTING

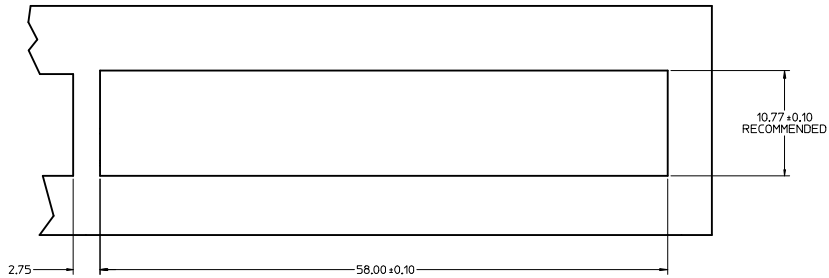
CROSS-HATCHED AREA DENOTES  
COMPONENT AND TRACE KEEP-OUT  
(EXCEPT CHASSIS GROUND)



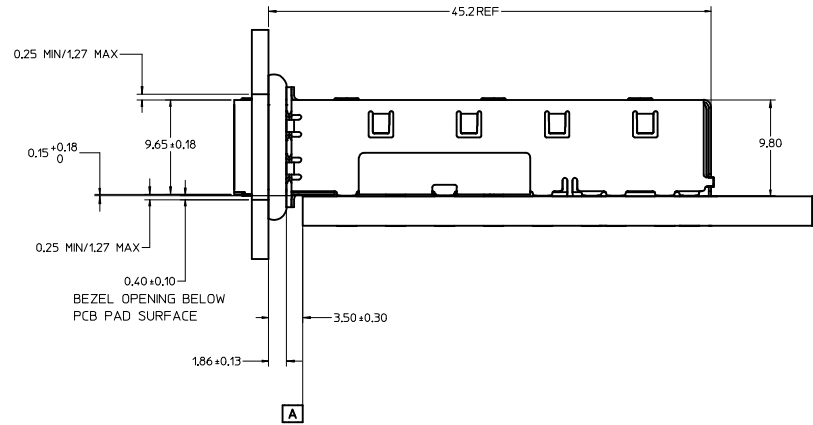
**NOTES:**

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 14.25

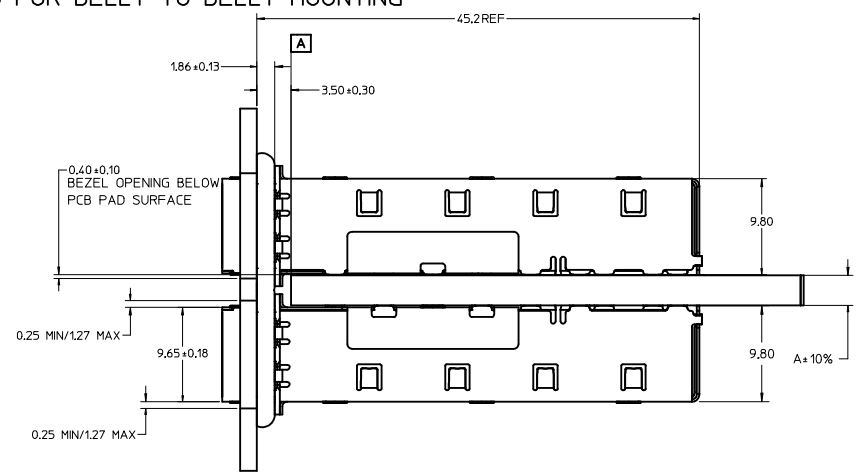
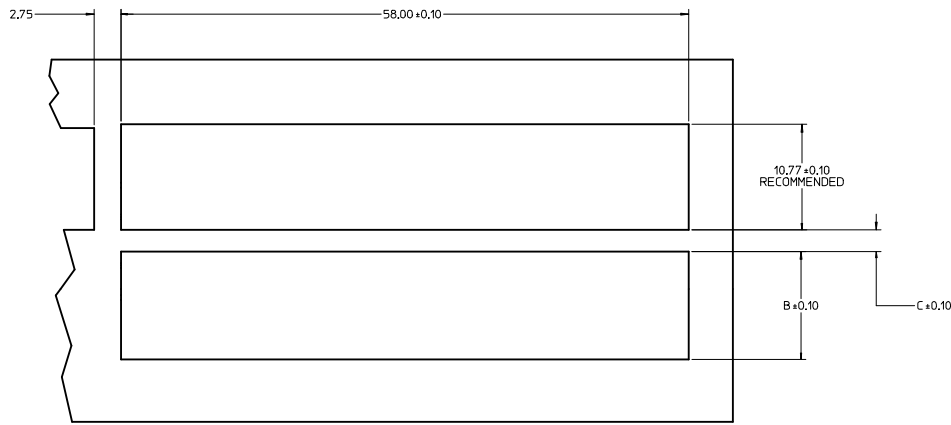
<b>SEE REVISION TABLE</b> EC NO: CPG2014-3390 DRAWN: LUZ0 2014/05/09 CHYKORHEN08 2014/05/09 APPROVED: CHEN08 2014/06/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	6:1	METRIC	
	▽=0	4 PLACES ±				
	▽=0	3 PLACES ±				
		ANGULAR ± 1°				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			MATERIAL NO.	DOCUMENT NO.	TITLE	
			SEE P/N TABLE	SD-74728-415	1X4 SFP GANGED CAGE ASSY, W/ 0.103 GASKET PRESS FIT, F/ LIGHT PIPE	
			SIZE		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.FOR A GIVEN BOARD THICKNESS (A), DIMENSIONS (B) AND (C) ARE DIRECTLY AFFECTED.
- 2.USE RECOMMENDED DIMENSIONS AND TOLERANCES TO AID IN DEVELOPING BEZEL OPENING.
- 3.FOR EXAMPLE USING A BOARD THICKNESS OF 3.175 THE RECOMMENDED VALUES WOULD BE:

A= 3.18  
 B= 11.03  
 C= 2.23

SEE REVISION TABLE EEC NO: CPG2014-3390 DRAWN BY: CHYKORCHEN08 CHECKED BY: CHYKORCHEN08 APPROVED BY: CHYKORCHEN08 DATE: 2014/05/09 DATE: 2014/06/30 DATE: 2014/06/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	4:1	METRIC	
	▽=0	3 PLACES ± mm ± INCH				
	▽=0	2 PLACES ± 0.13 ± INCH				
		1 PLACE ± 0.25 ± INCH				
		0 PLACE ± INCH				
		ANGULAR ± 1 °				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			MATERIAL NO.	DOCUMENT NO.	TITLE	
			SEE P/N TABLE	SD-74728-415	1X4 SFP GANGED CAGE ASSY, W/ 0.103 GASKET PRESS FIT, F/ LIGHT PIPE	
					molex	
					SHEET NO. 4 OF 5	
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

