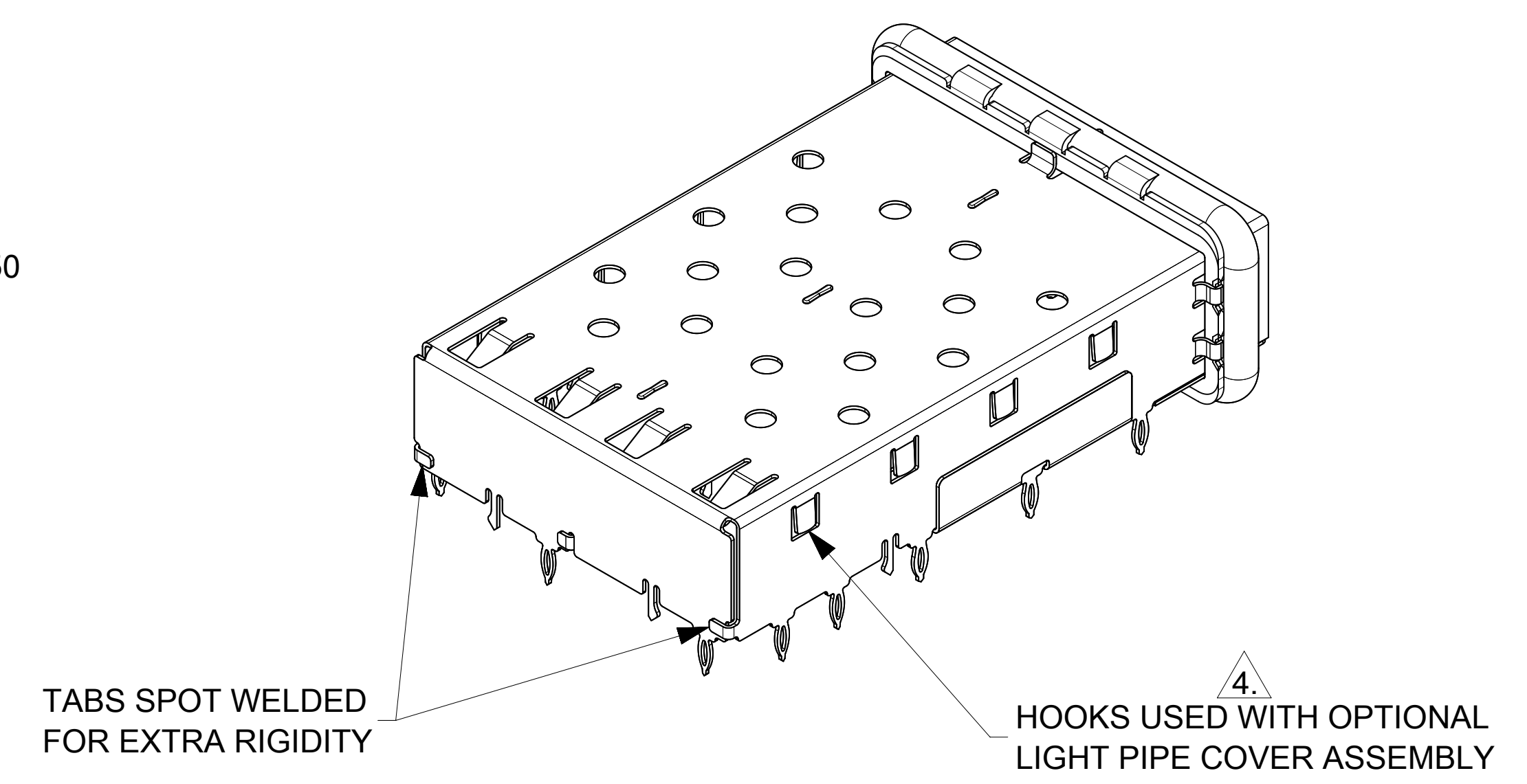
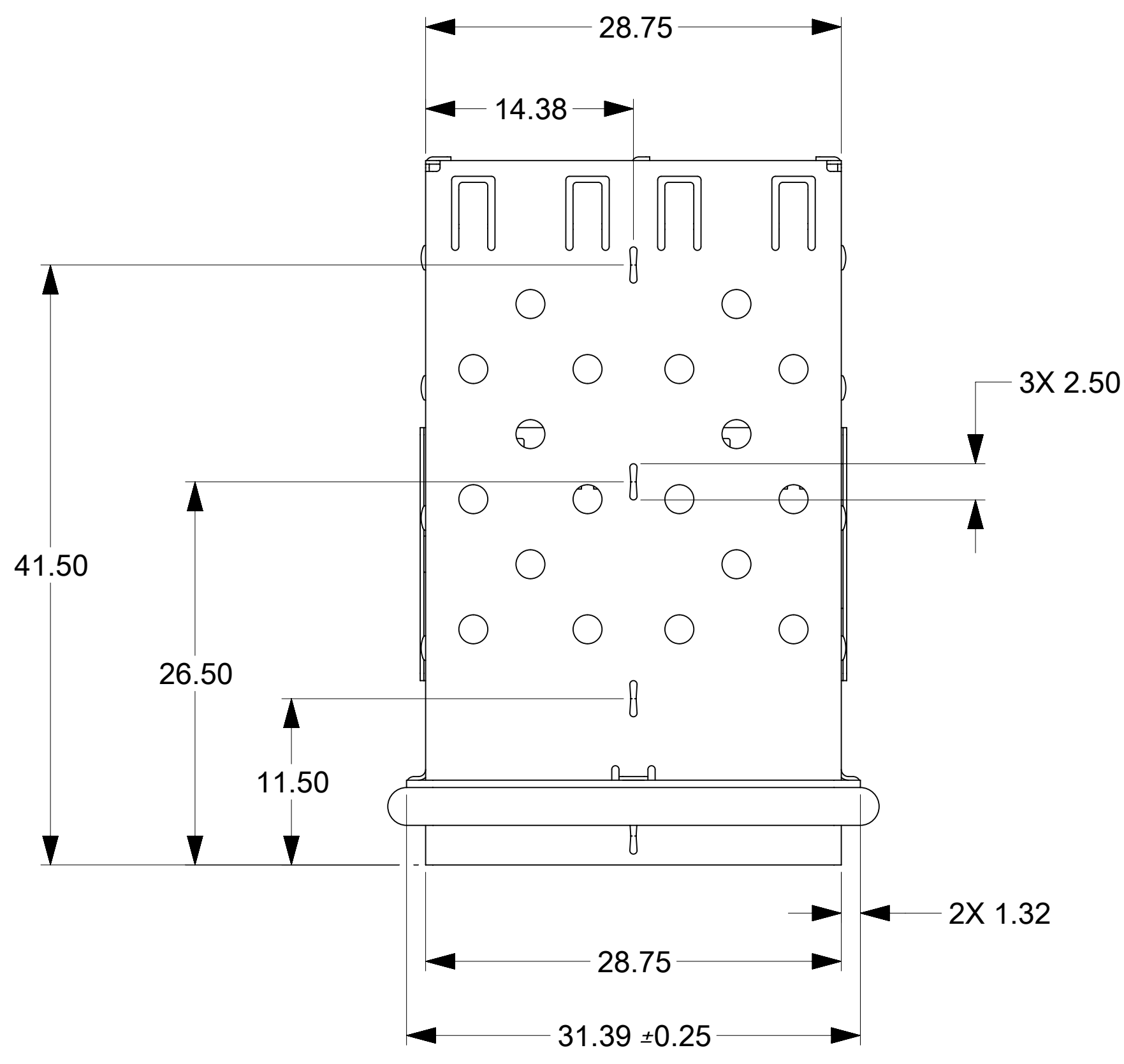
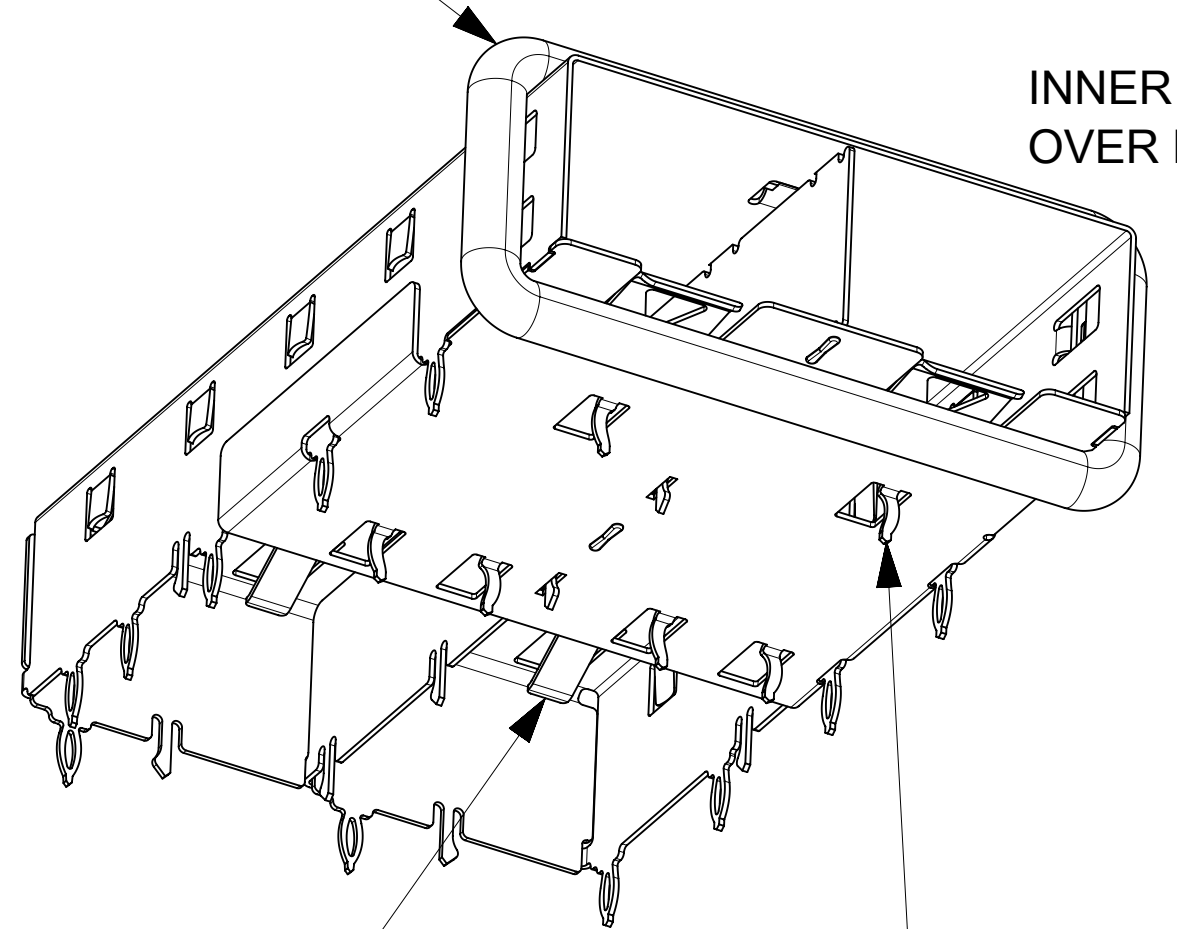


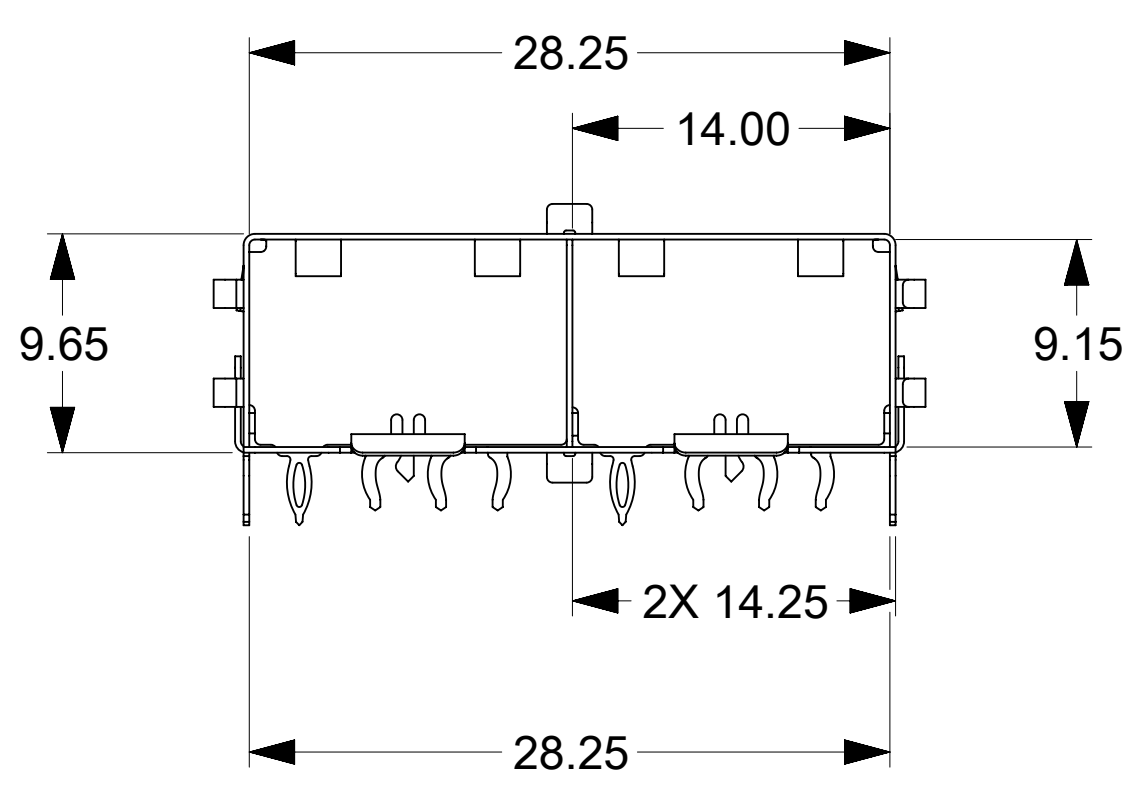
- NOTES:**
- PRESS FIT LEGS 3.05 LONG-
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
 - MATERIAL: COPPER ALLOY
PLATING: NONE
NOTE: A NICKEL PLATED VERSION OF THIS ASSEMBLY IS AVAILABLE.
REFER TO DOCUMENT SD-74722-004
 - REFERENCE DOCUMENTS:
PRODUCT SPECIFICATION: PS-74728-000
COSMETIC SPECIFICATIONS: WI-HP-2774 AND WI-HPA-7-0093
TEST SUMMARY: TS-73927-0250.
 - MATES WITH SERIES 74727, LIGHT PIPE COVER ASSEMBLY.
 - NO RoHS EXEMPTIONS.



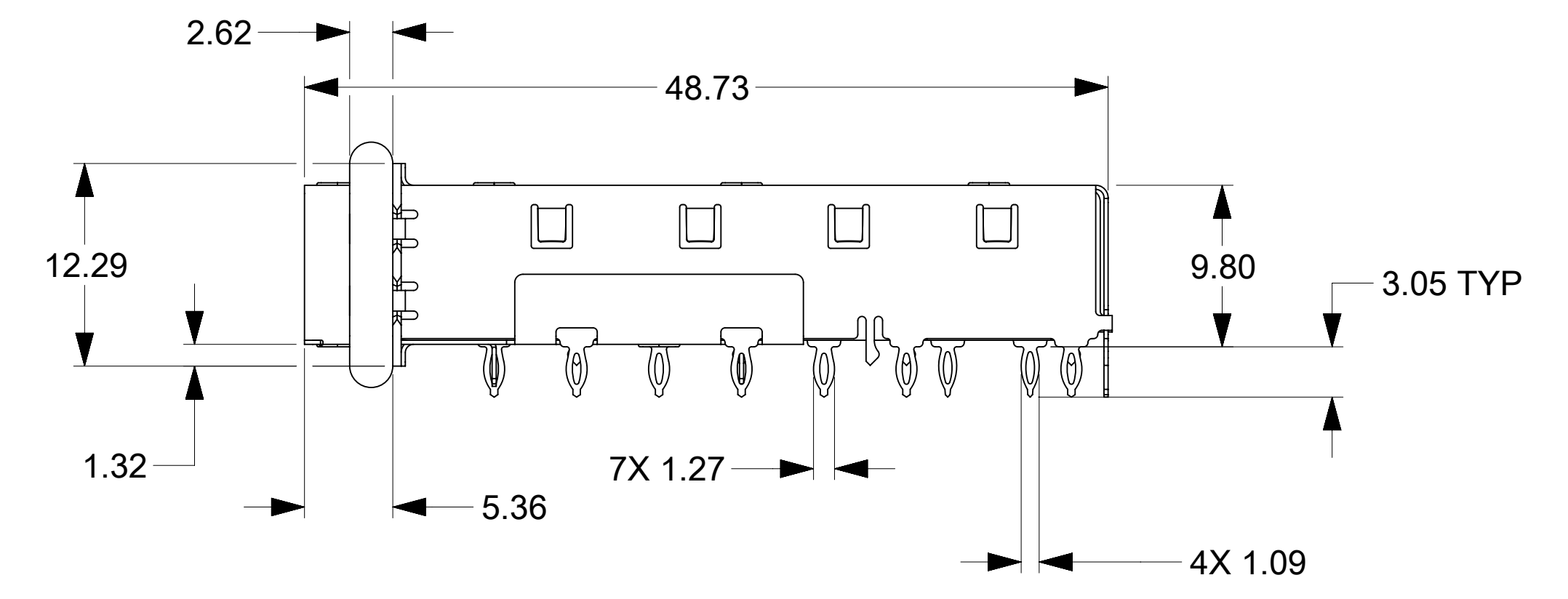
360° ELASTOMER EMI GASKET COMPLIES WITH (SFP) MSA BOARD AND BEZEL LOCATIONS



INNER WALL TABS ARE COINED OVER BASE AND COVER FOR RIGIDITY



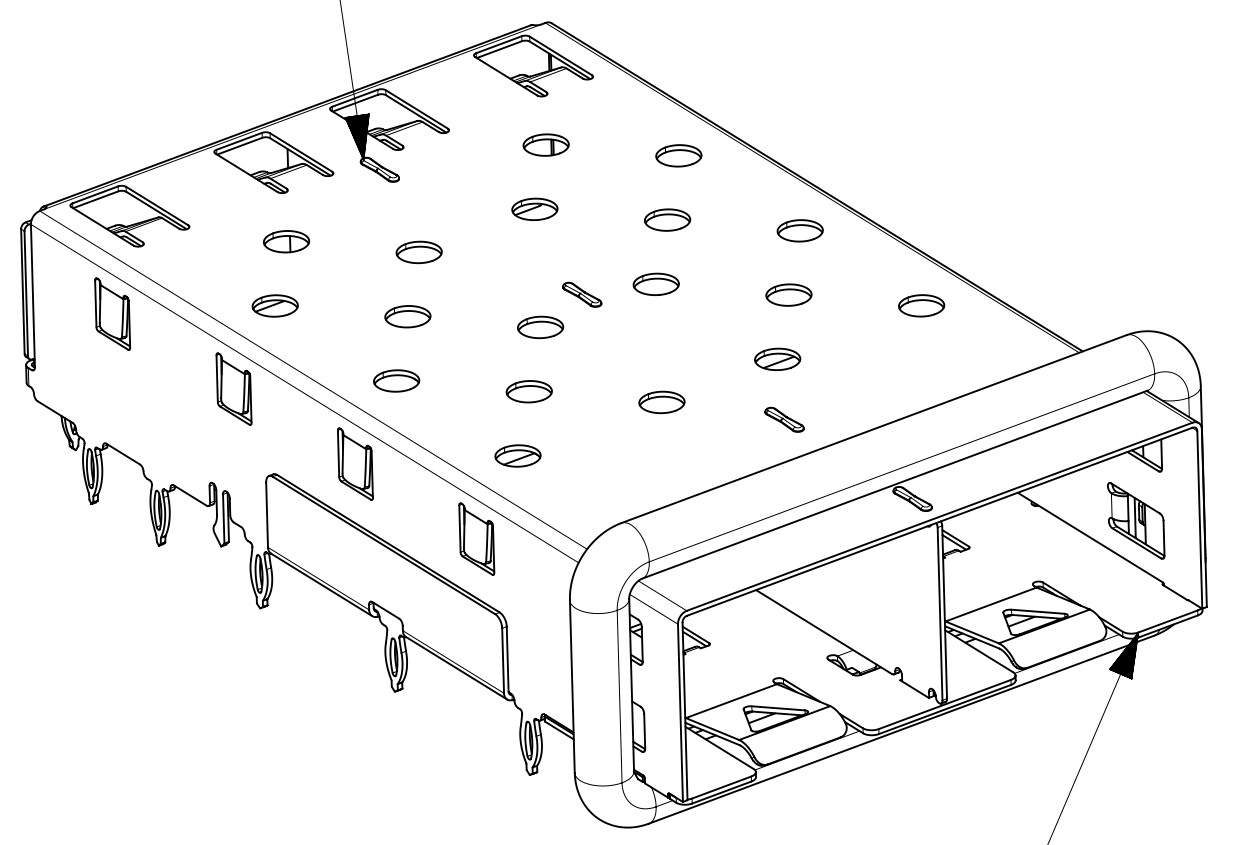
GASKET AND FRAME REMOVED FOR CLARITY



PART NUMBER
739270250

EMI FINGERS CONTACT ADAPTER

6 UNDER BELLY EMI PINS

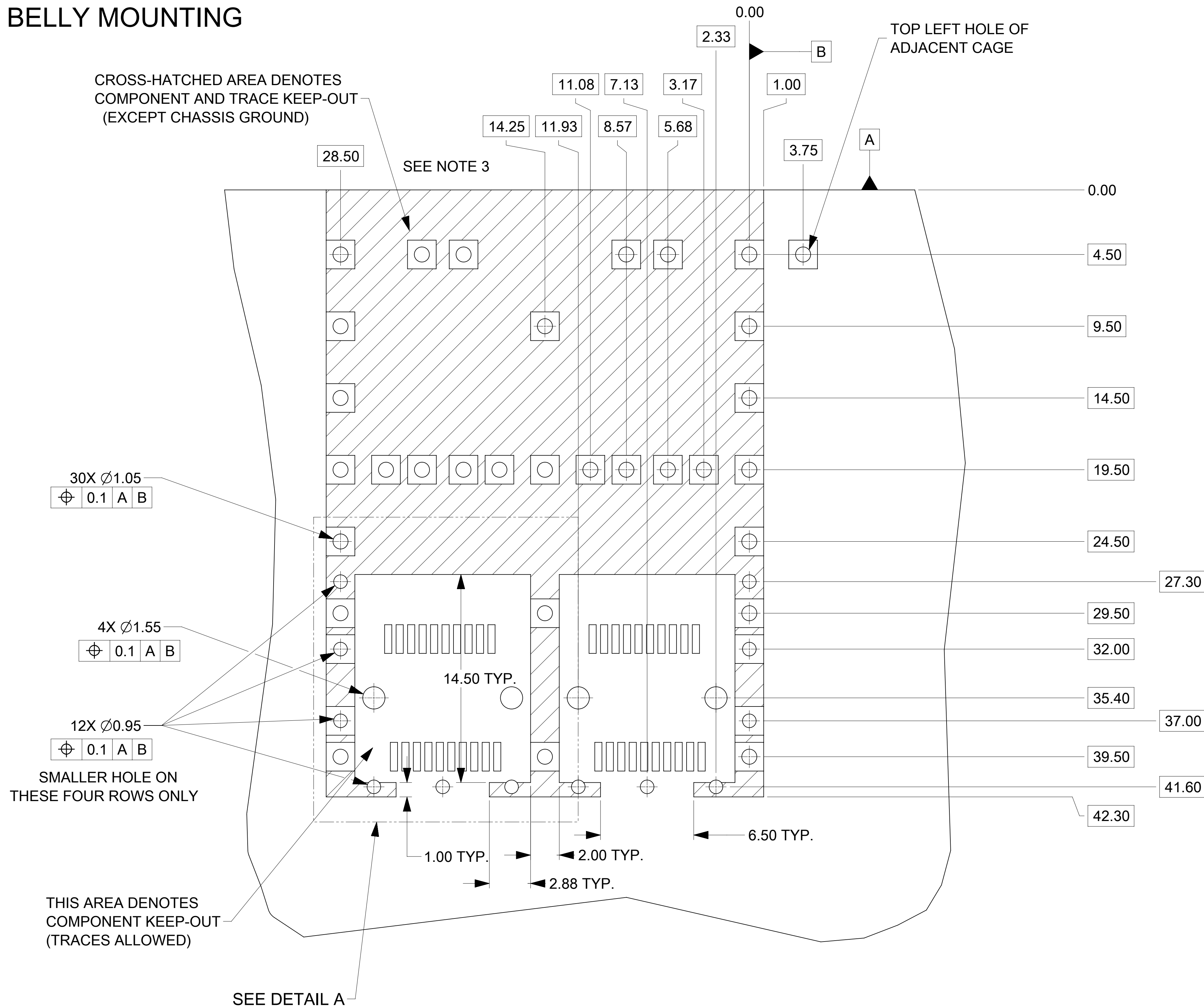


DIMENSIONS OF EACH INNER CAGE DESIGNED TO FUNCTION WITH SMALL FORM-FACTOR PLUGGABLE (SFP) TRANSCEIVER

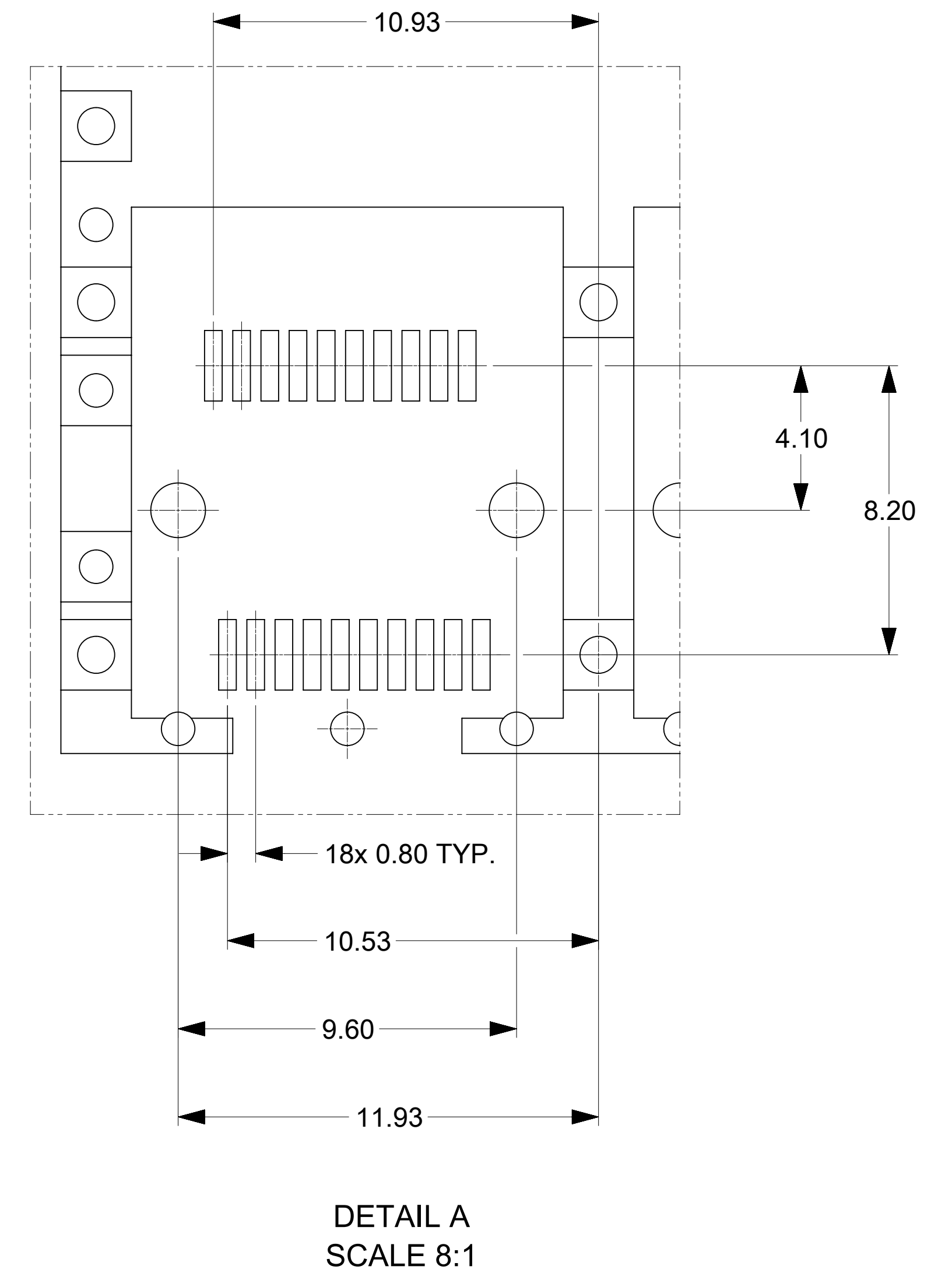
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: MM		SCALE: 3:1		CURRENT REV DESC:		molex				
GENERAL TOLERANCES (UNLESS SPECIFIED)										1X2 SFP GANGED CAGE ASSEMBLY PRESS FIT
4 PLACES	±	±		EC NO:	620216	PRODUCT CUSTOMER DRAWING				
3 PLACES	±	±		DRWN:	AKUMAR19	2018/05/31	DOCUMENT NUMBER: SD-73927-250			
2 PLACES	±	0.13	±	CHK'D:	GGA	2019/07/09	DOC TYPE: PSD			
1 PLACE	±	0.25	±	APPR:	GGA	2019/07/09	DOC PART: 001			
0 PLACES	±		±	INITIAL REVISION:			REVISION: E			
ANGULAR TOL		± 1.0°		DRWN:	KSIMONSO	2003/09/25	SERIES: 73927			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		APPR:	KJANOTA	2010/03/16	MATERIAL NUMBER: SEE TABLE			
				DRAWING: D-SIZE		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 1 OF 5		

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



HOST CONNECTOR DETAIL



NOTES:

1. PADS AND VIAS GO TO CHASSIS GROUND, (34 PLACES). RECOMMENDED PADS TO BE 2mm SQUARE.
2. PLATING OPTIONAL FOR THROUGH HOLES (8 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
5. CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS		SCALE		CURRENT REV DESC:													
MM		6:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)						EC NO: 620216		1X2 SFP GANGED CAGE ASSEMBLY PRESS FIT									
		MM	INCH	DRWN: AKUMAR19		2018/05/31											
4 PLACES ±		±	±	CHK'D: GGA		2019/07/09		PRODUCT CUSTOMER DRAWING									
3 PLACES ±		±	±	APPR: GGA		2019/07/09											
2 PLACES ±		0.13	±	INITIAL REVISION:				DOCUMENT NUMBER									
1 PLACE ±		0.25	±	DRWN: KSIMONSO				2003/09/25		SD-73927-250		DOC TYPE	DOC PART	REVISION			
0 PLACES ±		±	±	APPR: KJANOTA				2010/03/16		PSD		001	E				
ANGULAR TOL ± 1.0°				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								D-SIZE		73927		SEE TABLE		GENERAL MARKET		2 OF 5	

PCB LAYOUT FOR SINGLE SIDE MOUNTING

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

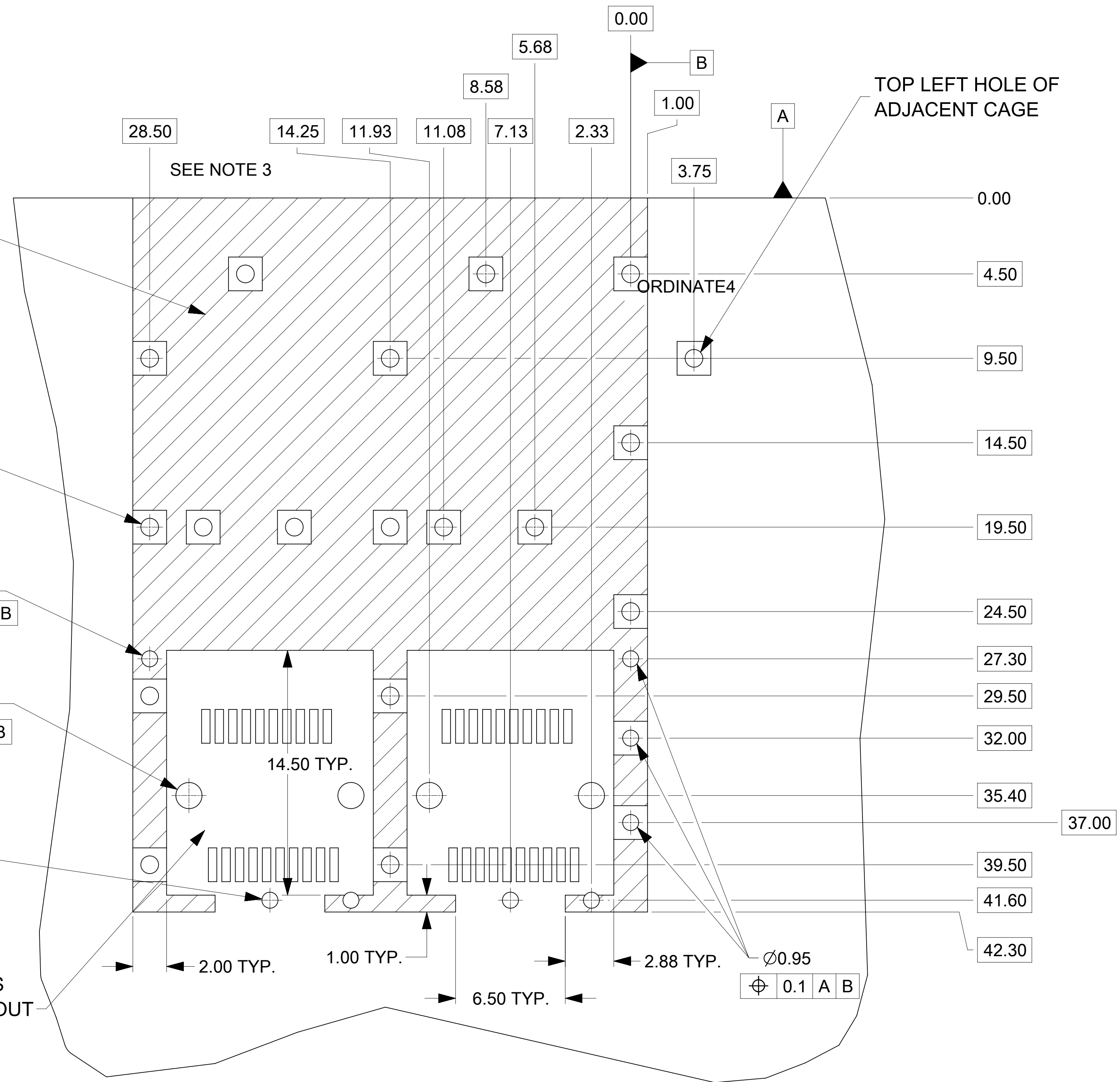
17X Ø1.05
⊕ 0.1 A B

Ø0.95
⊕ 0.1 A B

8X Ø1.55
⊕ 0.1 A B

4X Ø0.95
⊕ 0.1 A B

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)



NOTES:

1. PADS AND VIAS GO TO CHASSIS GROUND, (19 PLACES). RECOMMENDED PADS TO BE 2mm SQUARE.
2. PLATING OPTIONAL FOR THROUGH HOLES (6 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
5. CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

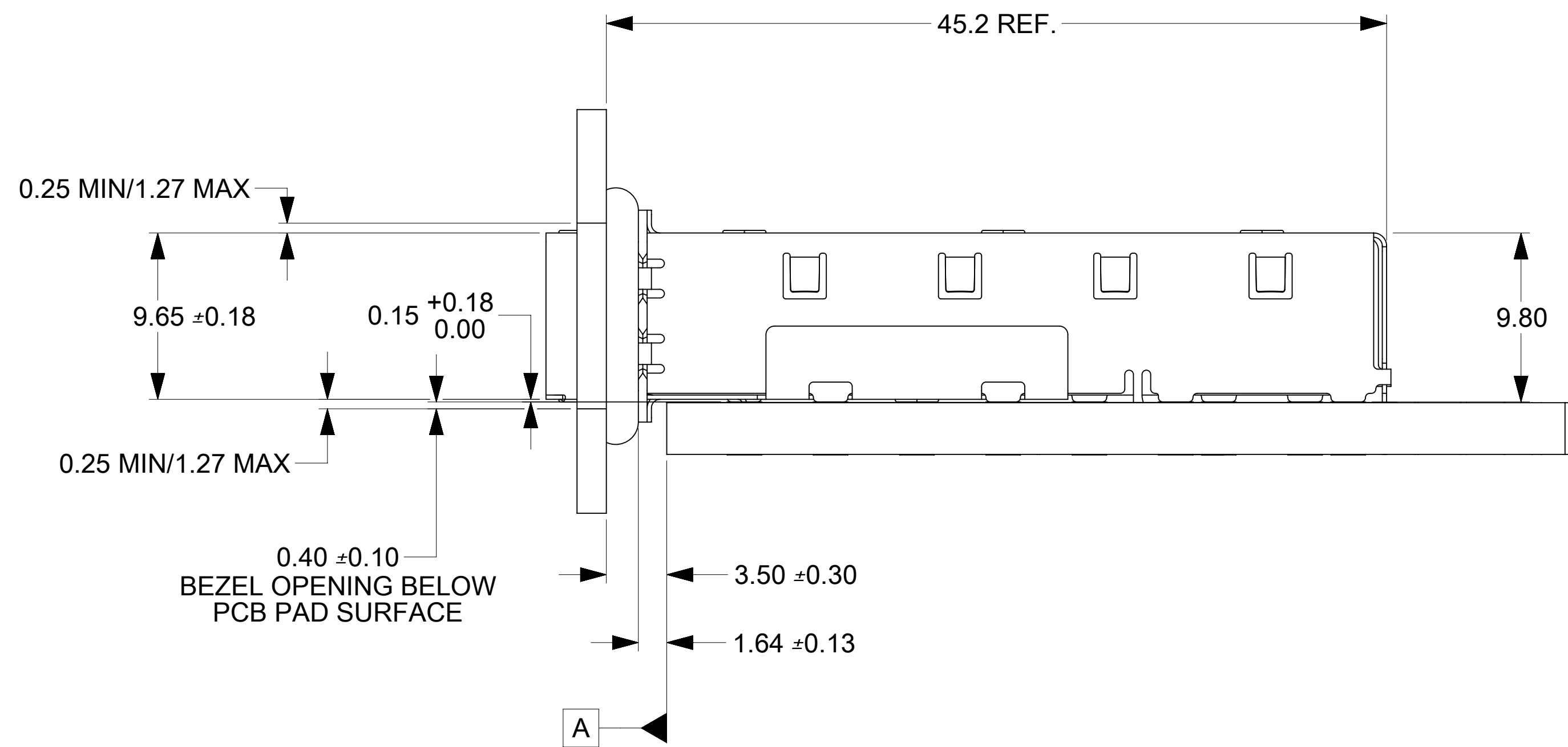
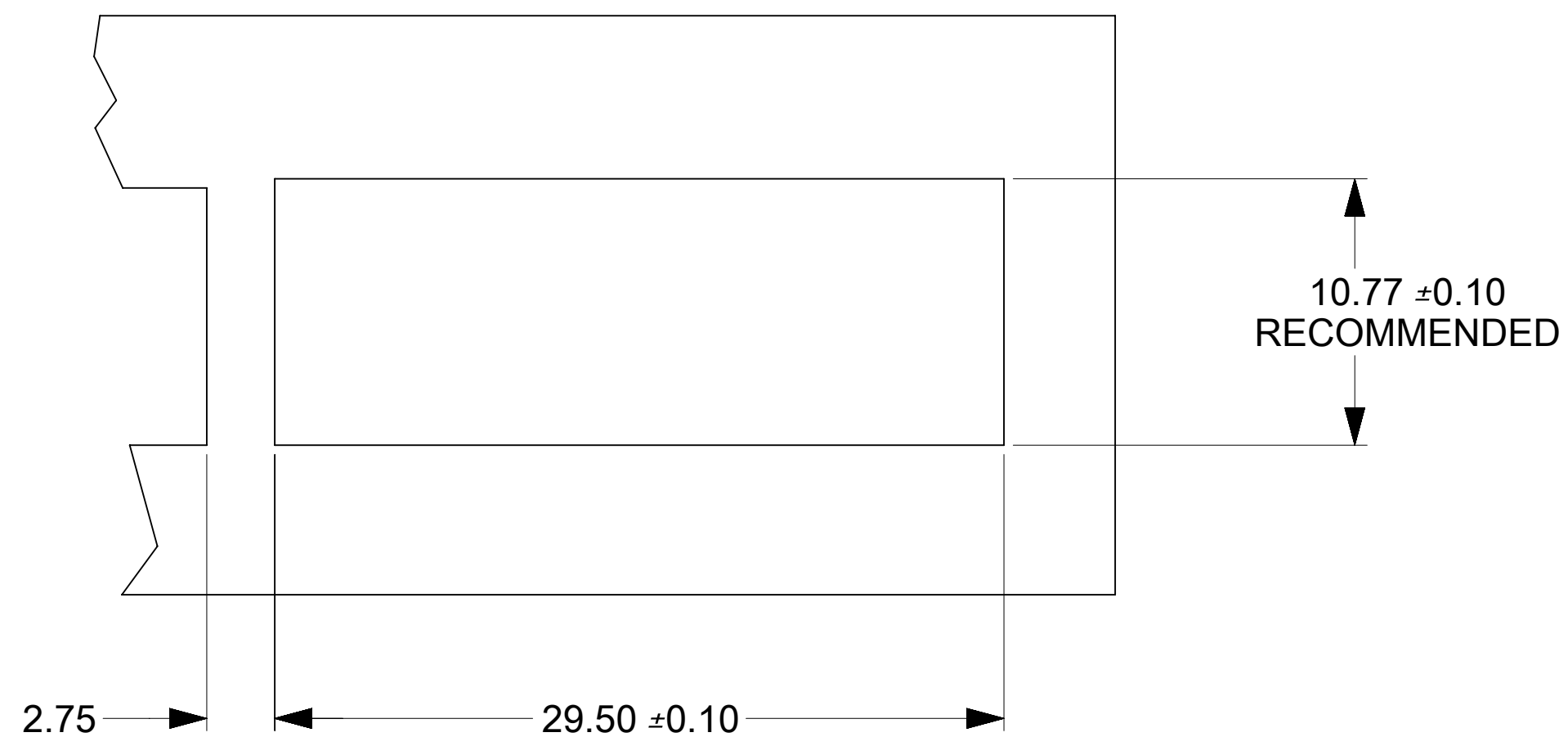
DIMENSION UNITS MM		SCALE 6:1		CURRENT REV DESC:	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 620216	
4 PLACES ±		±		DRWN: AKUMAR19 2018/05/31	
3 PLACES ±		±		CHK'D: GGA 2019/07/09	
2 PLACES ±		0.13 ±		APPR: GGA 2019/07/09	
1 PLACE ±		0.25 ±		INITIAL REVISION:	
0 PLACES ±		±		DRWN: KSIMONSO 2003/09/25	
ANGULAR TOL ±		1.0 °		APPR: KJANOTA 2010/03/16	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING
			D-SIZE		SERIES
			73927		MATERIAL NUMBER
			SEE TABLE		CUSTOMER
			GENERAL MARKET		SHEET NUMBER
			3 OF 5		

molex

1X2 SFP GANGED CAGE
ASSEMBLY PRESS FIT

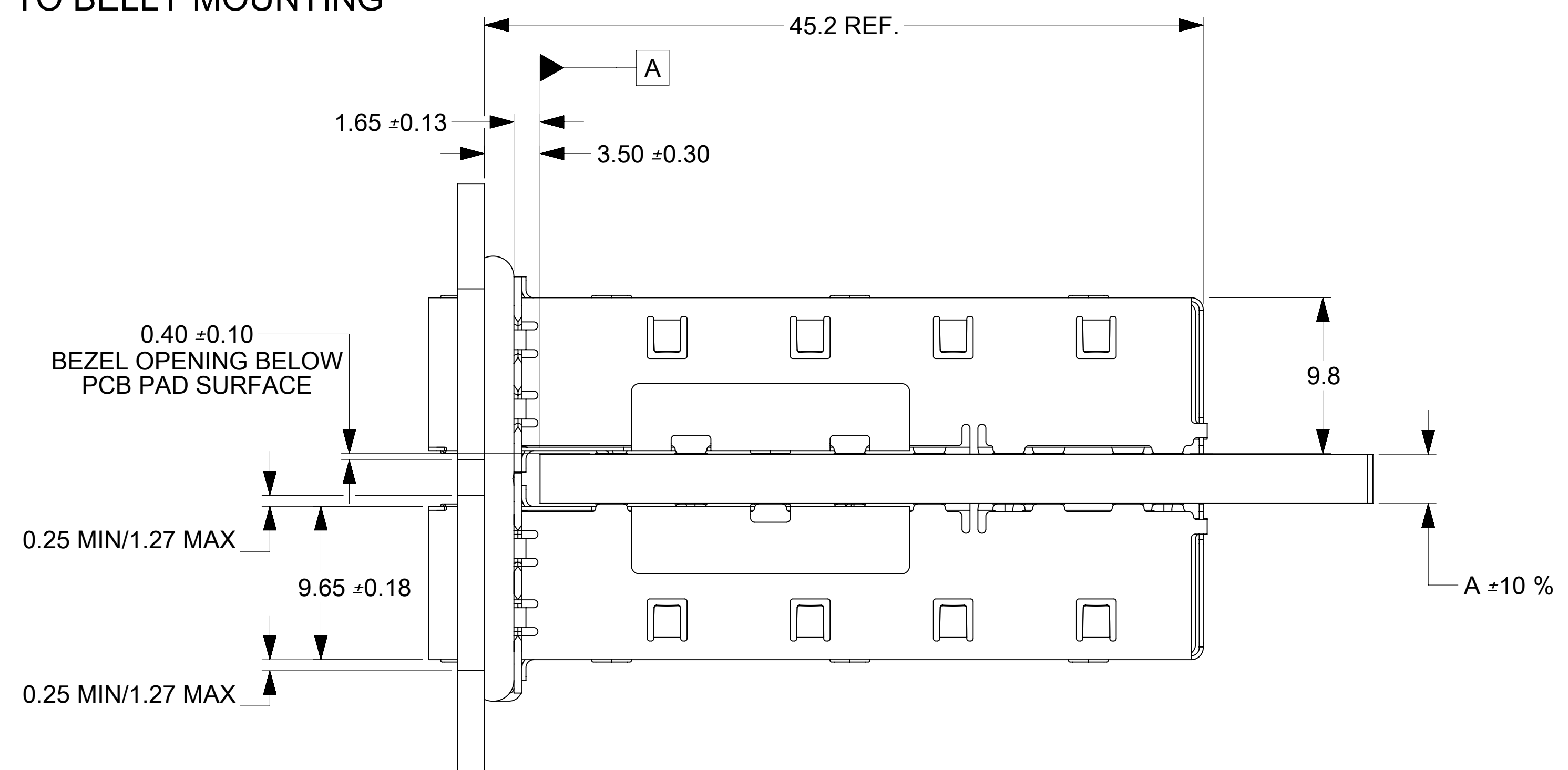
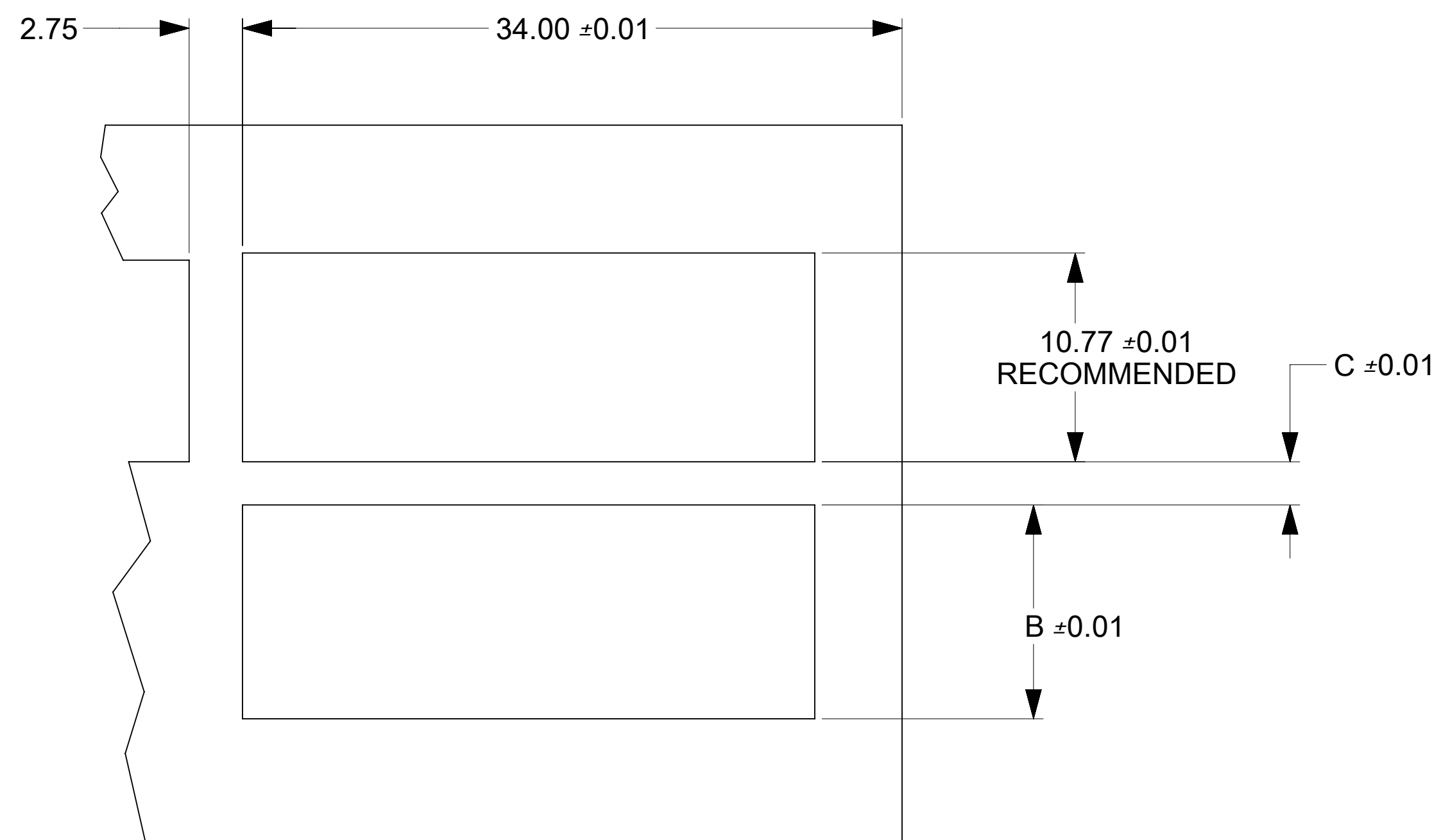
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-73927-250	PSD	001	E



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 .125" THE RECOMMENDED VALUES WOULD BE:

A= 3.18
 B= 11.03
 C= 2.23

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS		SCALE		CURRENT REV DESC:	
MM		4:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)					
		MM	INCH	EC NO: 620216	
4 PLACES	±			DRWN: AKUMAR19	2018/05/31
3 PLACES	±			CHK'D: GGA	2019/07/09
2 PLACES	±	0.13		APPR: GGA	2019/07/09
1 PLACE	±	0.25		INITIAL REVISION:	
0 PLACES	±			DRWN: KSIMONSO	2003/09/25
ANGULAR TOL		± 1.0°		APPR: KJANOTA	2010/03/16
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES
				D-SIZE	73927
DOCUMENT STATUS		P1		RELEASE DATE	
				2019/07/09 04:16:22	
DOCUMENT NUMBER				DOC TYPE	
SD-73927-250				PSD	
DOC PART				REVISION	
001				E	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE TABLE		GENERAL MARKET		4 OF 5	

molex

1X2 SFP GANGED CAGE ASSEMBLY PRESS FIT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

SD-73927-250 PSD 001 E

MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE TABLE GENERAL MARKET 4 OF 5

REVISION HISTORY

DATE	REV	DESCRIPTION
10/27/2003	A	INITIAL RELEASE
10/06/2005	B	ADDED PCB AND BEZEL LAYOUT
12/10/2009	C	ADDED ISO VIEW WITH WELD CALLOUT
05/05/2014	D	1. ADDED 739270254 [SHT 1] 2. ADDED "MM 3D MODEL: TM-74722-000" ON LEFT TOP CORNER [SHT 1] 3. NOTE 5 CHANGED AS "NO RoHS EXEMPTIONS" [SHT 1] 4. REMOVE ALL DIMENSIONS IN INCH [SHT 1 TO 4].
31/05/2018	E	1. OBSOLETE P/N 739270254. [SHEET 1]

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS	SCALE	CURRENT REV DESC:			molex							
MM	1:1	EC NO: 620216 DRWN: AKUMAR19 2018/05/31 CHK'D: GGA 2019/07/09 APPR: GGA 2019/07/09 INITIAL REVISION: DRWN: KSIMONSO 2003/09/25 APPR: KJANOTA 2010/03/16			1X2 SFP GANGED CAGE ASSEMBLY PRESS FIT							
GENERAL TOLERANCES (UNLESS SPECIFIED)					PRODUCT CUSTOMER DRAWING							
					DOCUMENT NUMBER DOC TYPE DOC PART REVISION							
4 PLACES ±	±				SD-73927-250			PSD	001	E		
3 PLACES ±	±				SEE TABLE			GENERAL MARKET		SHEET NUMBER		5 OF 5
2 PLACES ±	0.13 ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION DRAWING		SERIES D-SIZE 73927		MATERIAL NUMBER CUSTOMER			
1 PLACE ±	0.25 ±										MATERIAL NUMBER	
0 PLACES ±	±	ANGULAR TOL ± 1.0 °		DRAWING		SERIES		MATERIAL NUMBER				

NOTES:

1. PRESS FIT LEGS 0.120" LONG-
0.062 [1.57] MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
0.118 [3.00] MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.

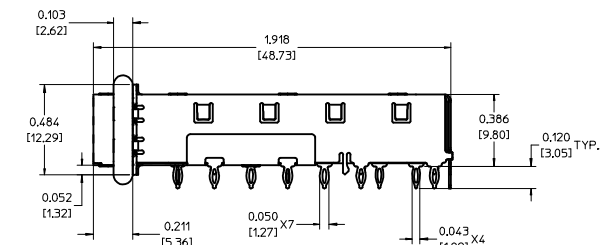
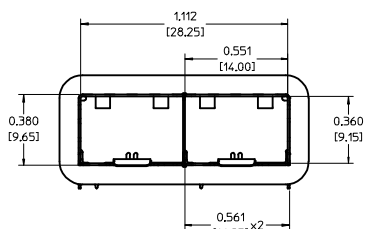
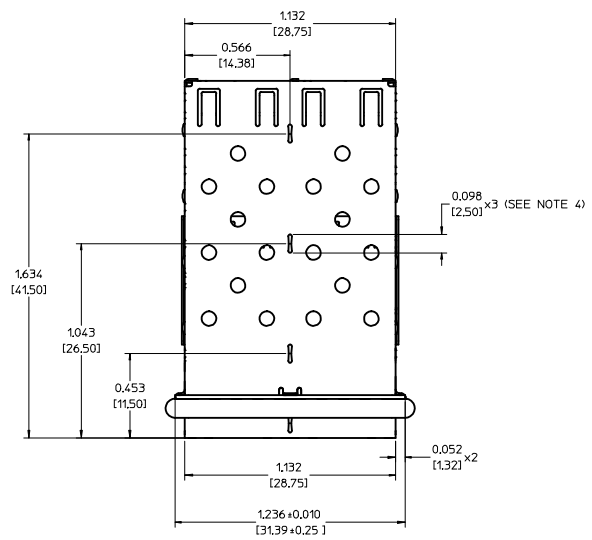
2. MATERIAL: COPPER ALLOY
PLATING: NONE

NOTE: A NICKEL PLATED VERSION OF THIS ASSEMBLY IS AVAILABLE.
REFER TO DOCUMENT SD-74722-004

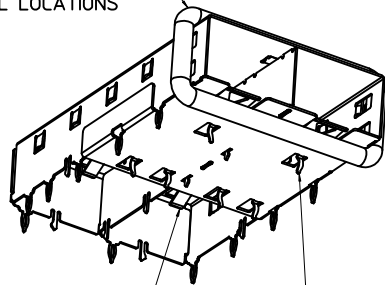
3. REFERENCE DOCUMENTS:
PRODUCT SPECIFICATION: PS-74728-000
COSMETIC SPECIFICATIONS: WI-HP-2774 AND WI-HPA-7-0093
TEST SUMMARY: TS-74722-0001.

4. MATES WITH SERIES 74727, LIGHT PIPE COVER ASSEMBLY.

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



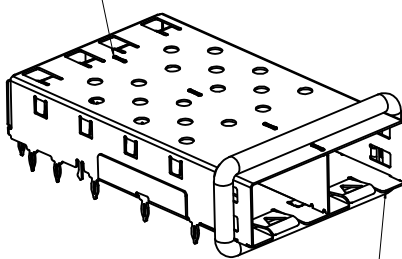
360° ELASTOMER EMI GASKET
COMPLIES WITH (SFP) MSA
BOARD AND BEZEL LOCATIONS



EMI FINGERS
CONTACT ADAPTER

6 UNDER BELLY EMI PINS

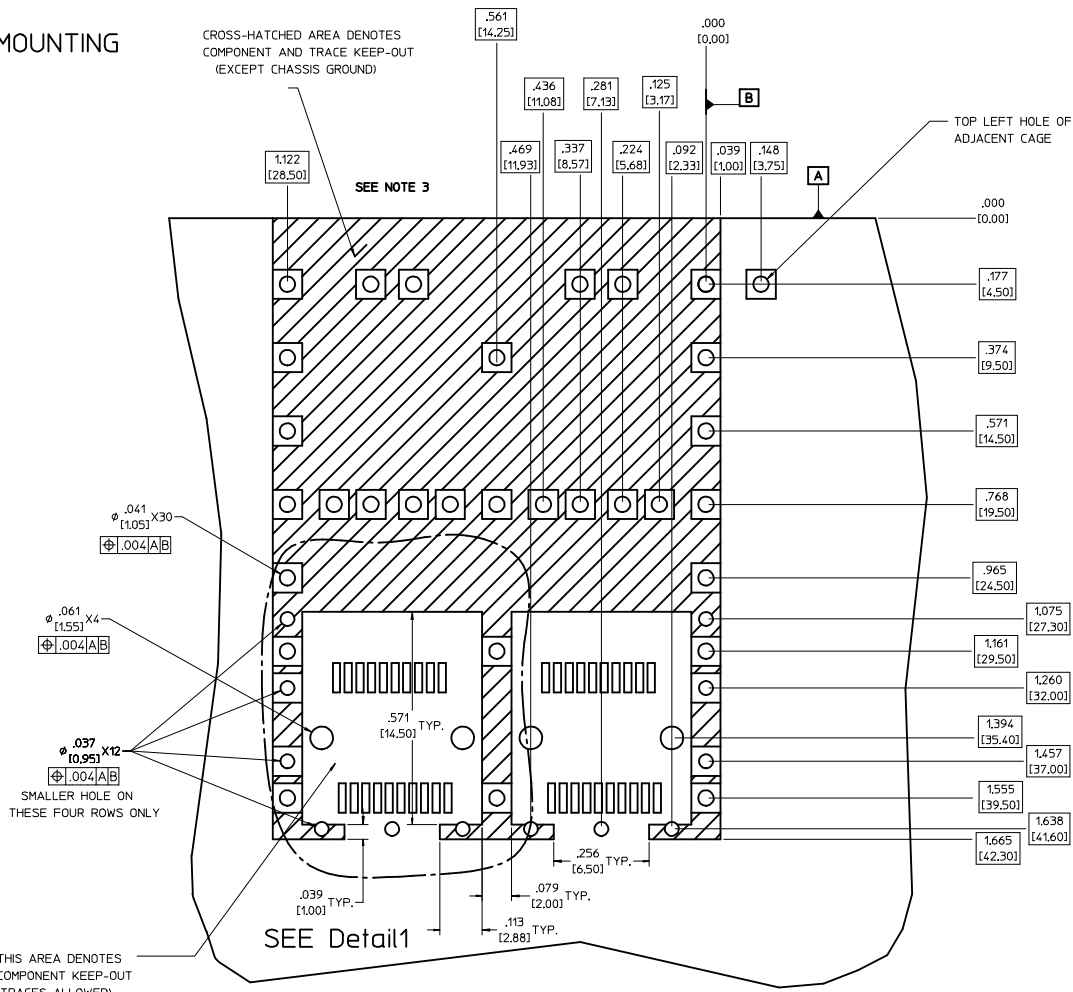
INNER WALL TABS ARE COINED
OVER BASE AND COVER FOR RIGIDITY



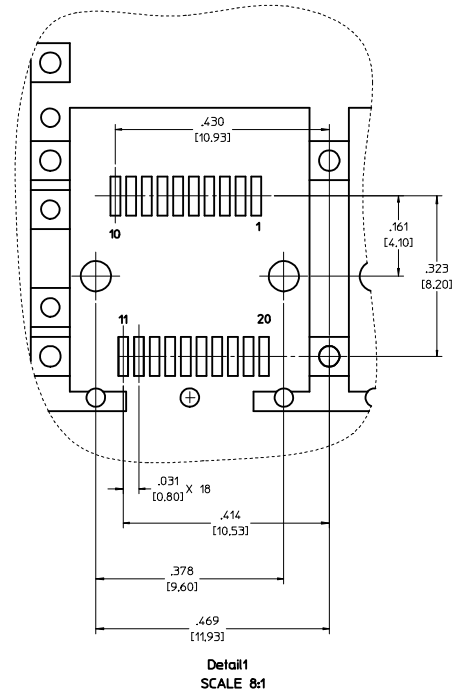
DIMENSIONS OF EACH INNER CAGE DESIGNED
TO FUNCTION WITH SMALL FORM-FACTOR
PLUGGABLE (SFP) TRANSCEIVER

ENTER DESCRIPTION EC NO: USY2006-0073 DRWN:KSI MONSO 2006/01/17 CHKD:BRUSSELL 2006/01/20 APPR:BRUSSELL 2006/01/25 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼=0 ▽=0	mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±.005 2 PLACES ±.13 ±.010 1 PLACE ±0.25 ±--- ANGULAR ± 1°	IN/MM 3:1	METRIC	TITLE 1X2 SFP GANGED CAGE ASSEMBLY, PRESS FIT	MOLEX INCORPORATED SHEET NO. 1 OF 5
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE KSI MONSO 2003/09/25 CHECKED BY DATE BRUSSELL 2003/10/27 APPROVED BY DATE BRUSSELL 2003/10/27	MATERIAL NO. 747220001	DOCUMENT NO. SD-74722-001		
		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



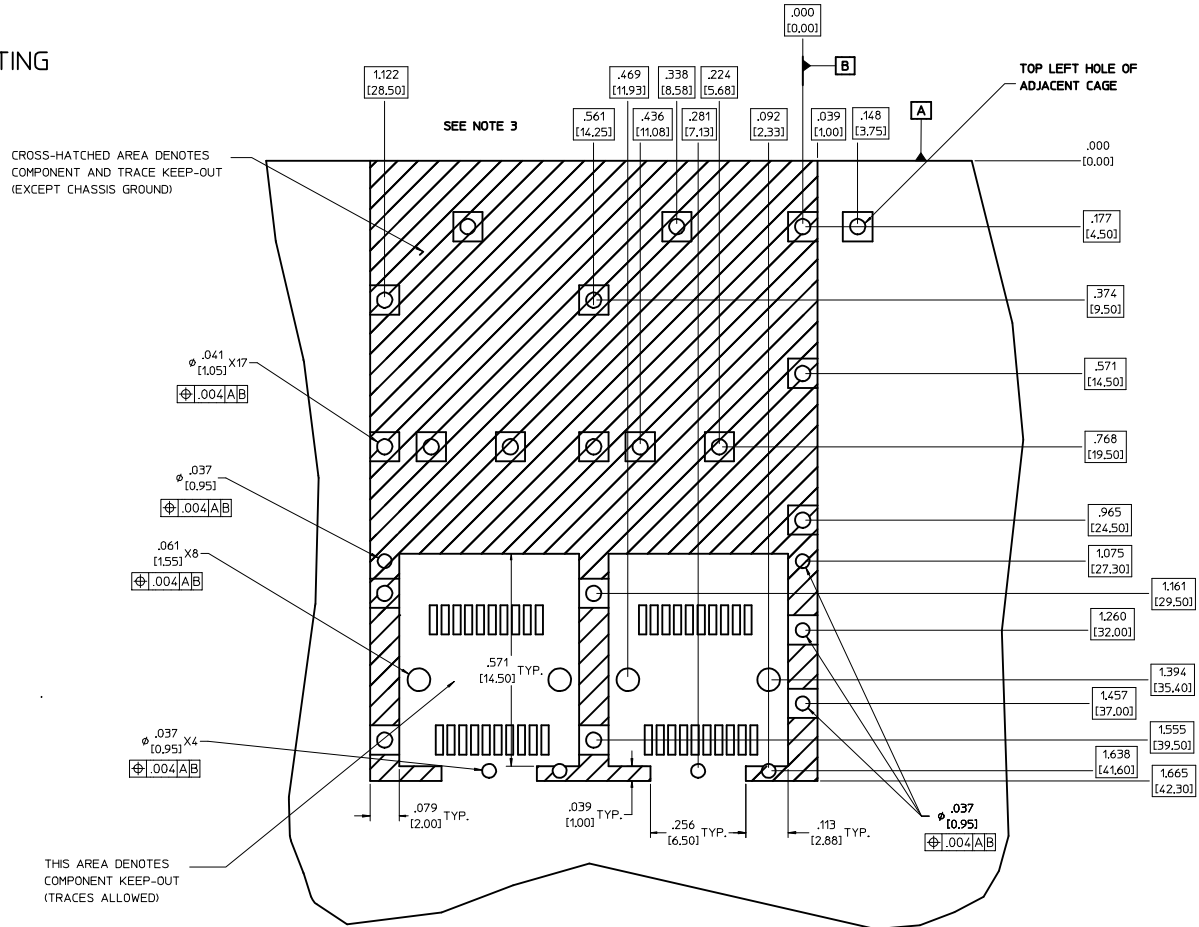
HOST CONNECTOR DETAIL



- NOTES:**
- PADS AND VIAS GO TO CHASSIS GROUND. (34 PLACES).
RECOMMENDED PADS TO BE 2mm SQUARE.
 - PLATING OPTIONAL FOR THROUGH HOLES (8 PLACES)
 - RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
 - HOLE PATTERN REPEATS FOR EACH PORT.
SPACING BETWEEN PORTS IS 0.561 [14.25]
 - CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

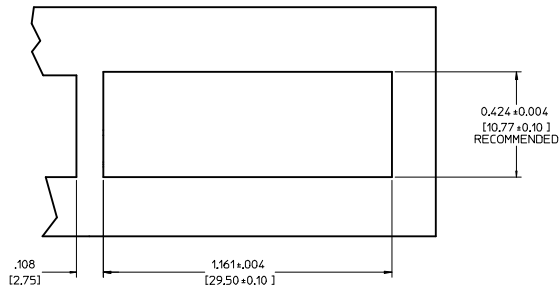
ENTER DESCRIPTION IEC NO. USY2006-0073 DRAWN BY DRANKS IMONSON 2006/01/17 CHYK BRUSSELL 2006/01/20 APPR. BRUSSELL 2006/01/25 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .13</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .13	± .005	3 PLACES	± .13	± .010	2 PLACES	± 0.13	± .010	1 PLACE	± 0.25	± .010	DIMENSION STYLE IN/MM SCALE 6:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION
		mm	INCH															
4 PLACES	± .13	± .005																
3 PLACES	± .13	± .010																
2 PLACES	± 0.13	± .010																
1 PLACE	± 0.25	± .010																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 747220001	DRAWN BY DATE KS IMONSON 2003/09/25 CHECKED BY DATE BRUSSELL 2003/10/27 APPROVED BY DATE BRUSSELL 2003/10/27	TITLE 1X2 SFP GANGED CAGE ASSEMBLY, PRESS FIT MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-74722-001 SHEET NO. 2 OF 5															

PCB LAYOUT FOR SINGLE SIDE MOUNTING

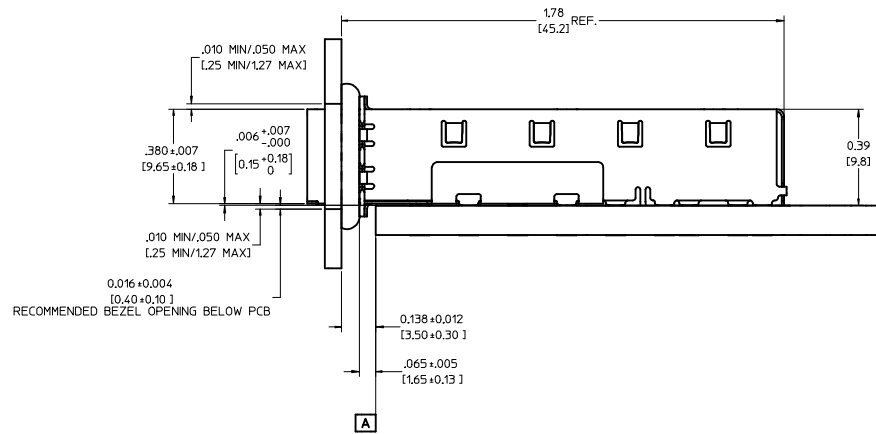


- NOTES:**
- PADS AND VIAS GO TO CHASSIS GROUND. (19 PLACES).
RECOMMENDED PADS TO BE 2mm SQUARE.
 - PLATING OPTIONAL FOR THROUGH HOLES (6 PLACES)
 - RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
 - HOLE PATTERN REPEATS FOR EACH PORT.
SPACING BETWEEN PORTS IS 0.561 [14.25]
 - CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX
CONNECTOR SERIES 74441 OR EQUIVALENT.

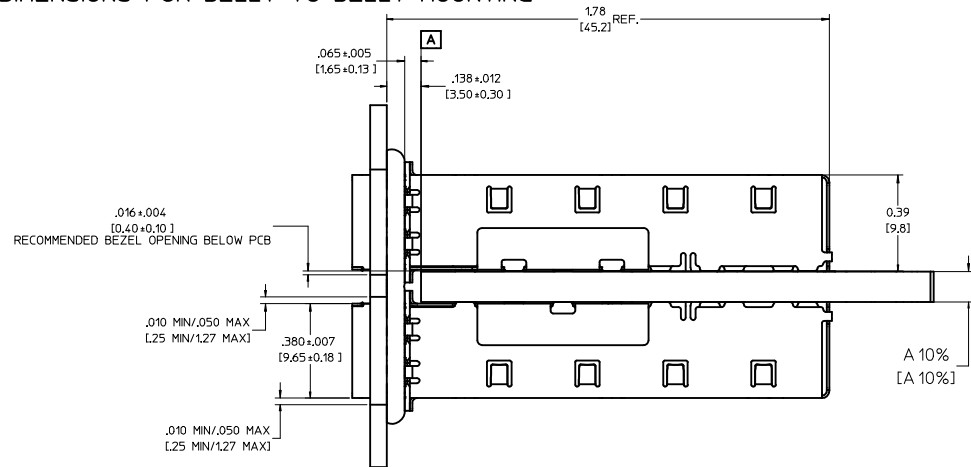
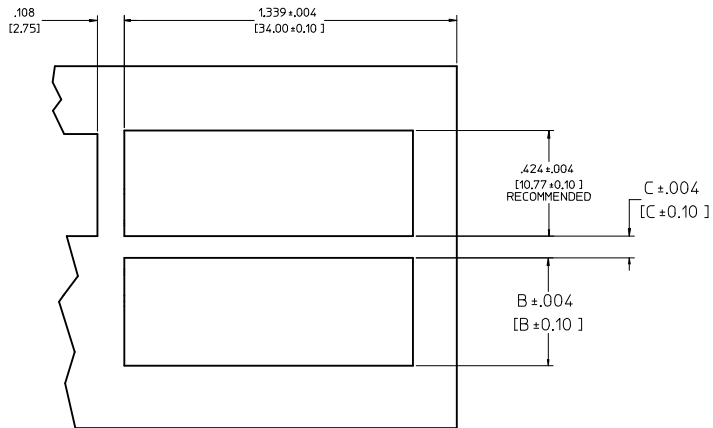
ENTER DESCRIPTION EC NO: USY2006-0073 DRAWN BY: KSI/MONSON 2006/01/17 CHECKED BY: CHYKORUSSELL 2006/01/20 APPROVED BY: APPRBRUSSELL 2006/01/25 REV:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED):		DIMENSION STYLE IN/MM	SCALE 6:1	DESIGN UNITS METRIC	<input checked="" type="checkbox"/> THIRD ANGLE PROJECTION
		4 PLACES ±.005 ±.005 3 PLACES ±.005 ±.005 2 PLACES ±.013 ±.010 1 PLACE ±.025 ±.010	DRAWN BY: KSI/MONSON 2003/09/25 CHECKED BY: BRUSSELL 2003/10/27 APPROVED BY: BRUSSELL 2003/10/27	TITLE 1X2 SFP GANGED CAGE ASSEMBLY, PRESS FIT	MATERIAL NO. 747220001	DOCUMENT NO. SD-74722-001	SHEET NO. 3 OF 5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX INCORPORATED					
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

ENTER DESCRIPTION IEC NO: USY2006-0073 DRAWN BY: KSI MONSON 2006/01/17 CHYKORUSSELL 2006/01/20 APPROVED BY: APPR:BRUSSELL 2006/01/25	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ±.005 3 PLACES ±.005 2 PLACES ±0.13 1 PLACE ±0.25	±.005 ±.010 ±.025	±.005 ±.010 ±.025	±.005 ±.010 ±.025	DRAWN BY: KSI MONSON 2003/09/25 CHECKED BY: BRUSSELL 2003/10/27 APPROVED BY: BRUSSELL 2003/10/27	DATE: 2003/09/25 DATE: 2003/10/27 DATE: 2003/10/27
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		WATERLAL NO. 747220001		DOCUMENT NO. SD-74722-001		SHEET NO. 4 OF 5	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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

DATE	REV	CHANGES	COMMENTS
10/27/2003	A	INITIAL RELEASE	N/A
10/06/2005	B	ADDED PCB AND BEZEL LAYOUT	N/A

ENTER DESCRIPTION IEC NO: USY2006-0073 DRAWN BY: DRANKS IMONSON 2006/01/17 CHECKED BY: CHYD BRUSSELL 2006/01/20 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 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	DRAWN BY: DATE KS IMONSON 2003/09/25 CHECKED BY: DATE BRUSSELL 2003/10/27 APPROVED BY: DATE BRUSSELL 2003/10/27	TITLE 1X2 SFP GANGED CAGE ASSEMBLY, PRESS FIT		MATERIAL NO. 747220001	
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