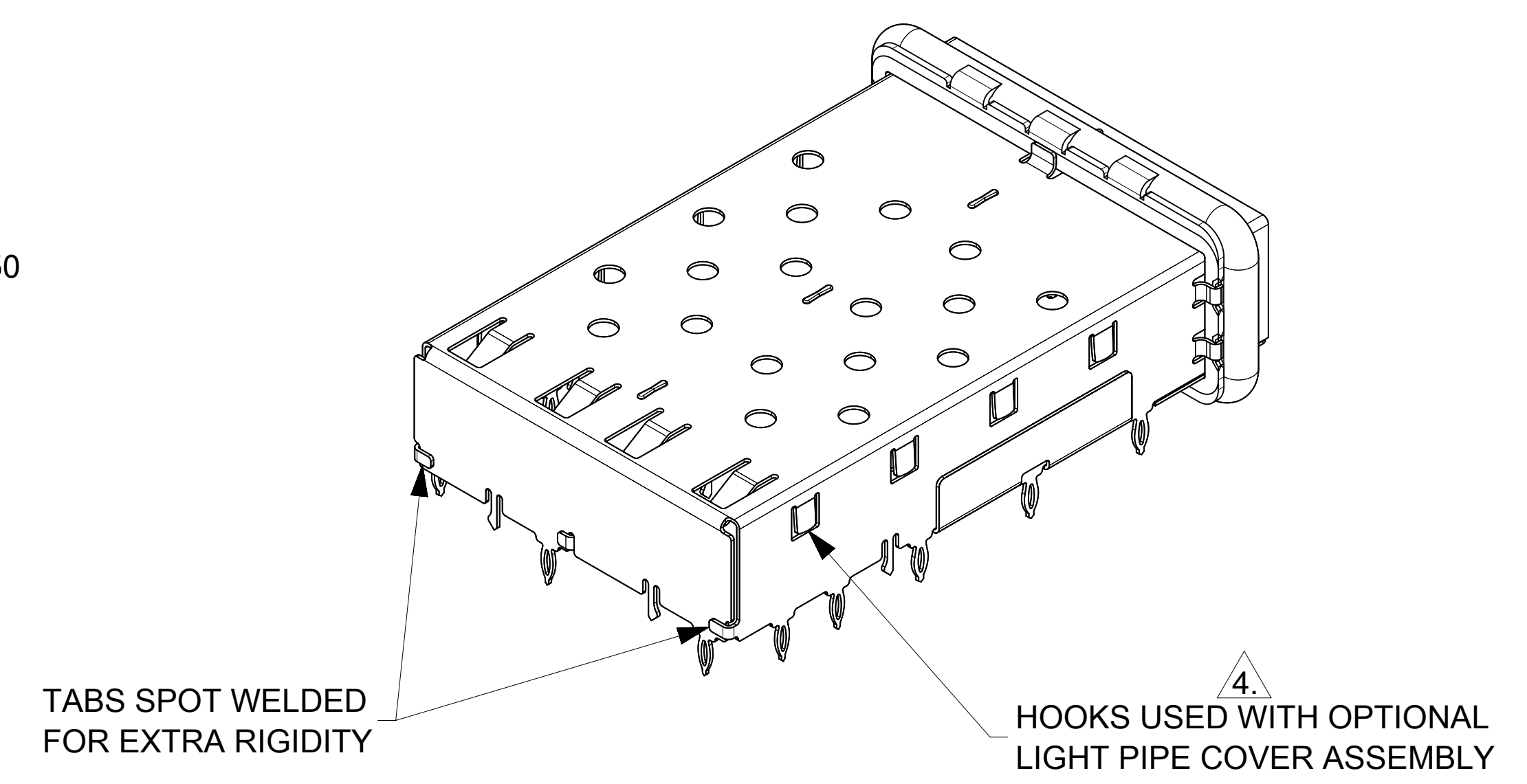
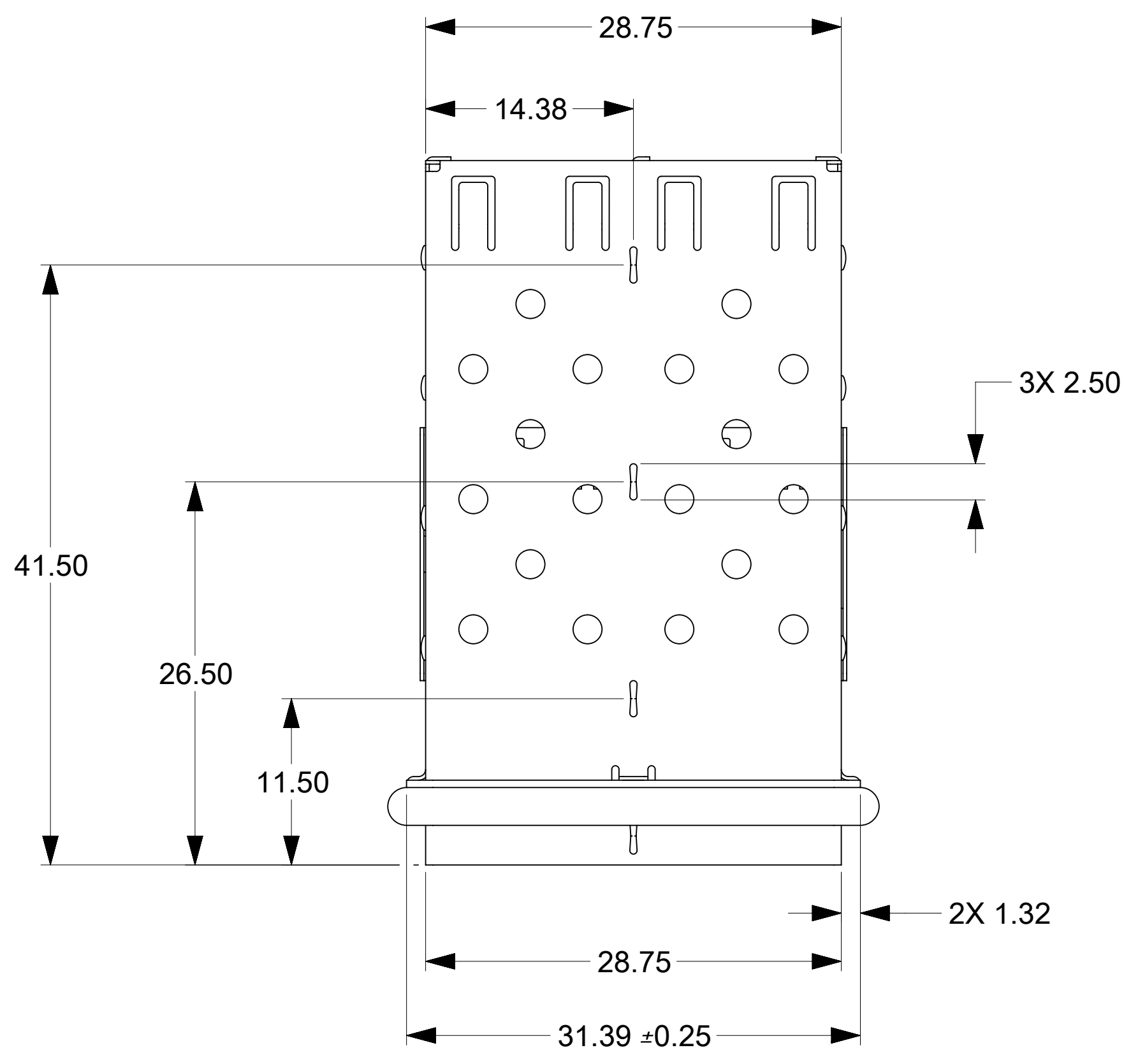
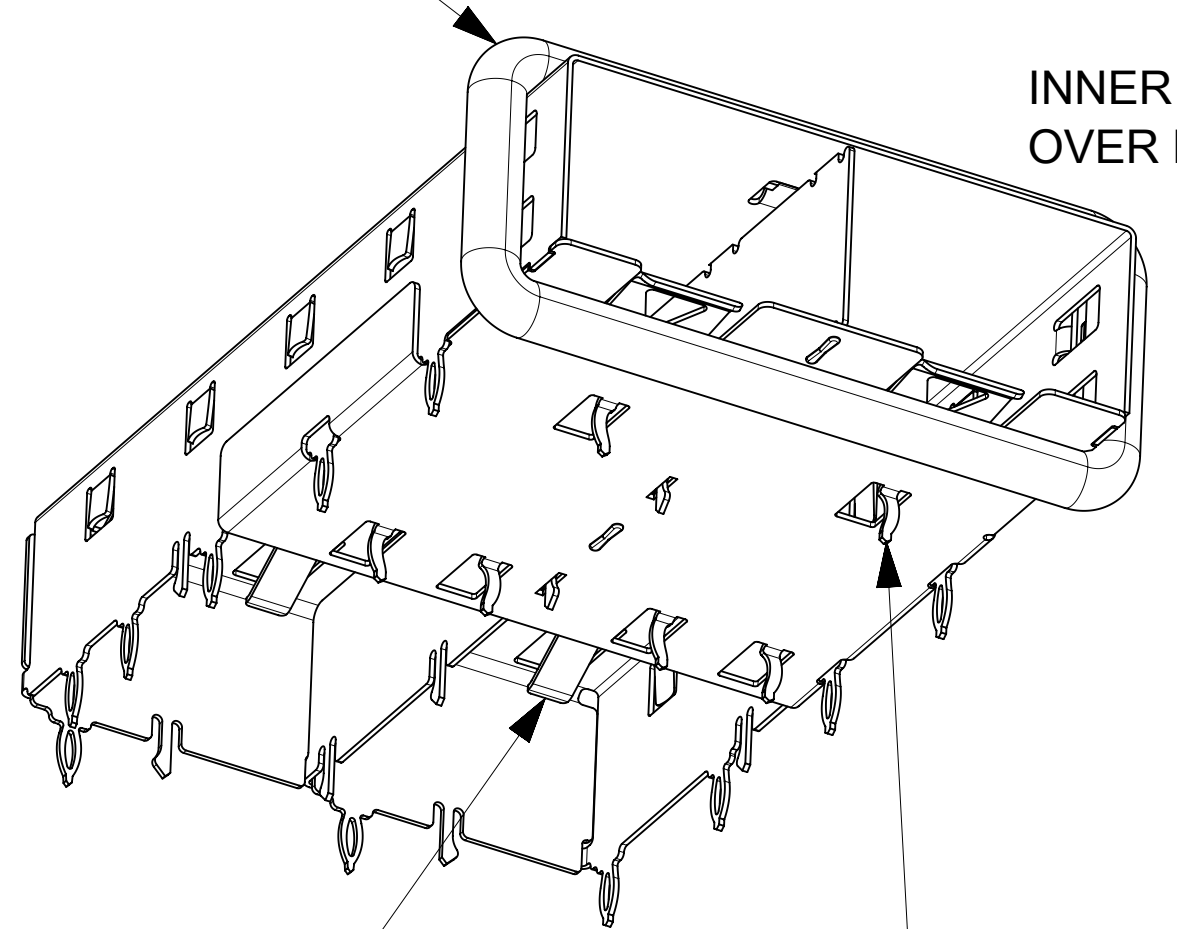


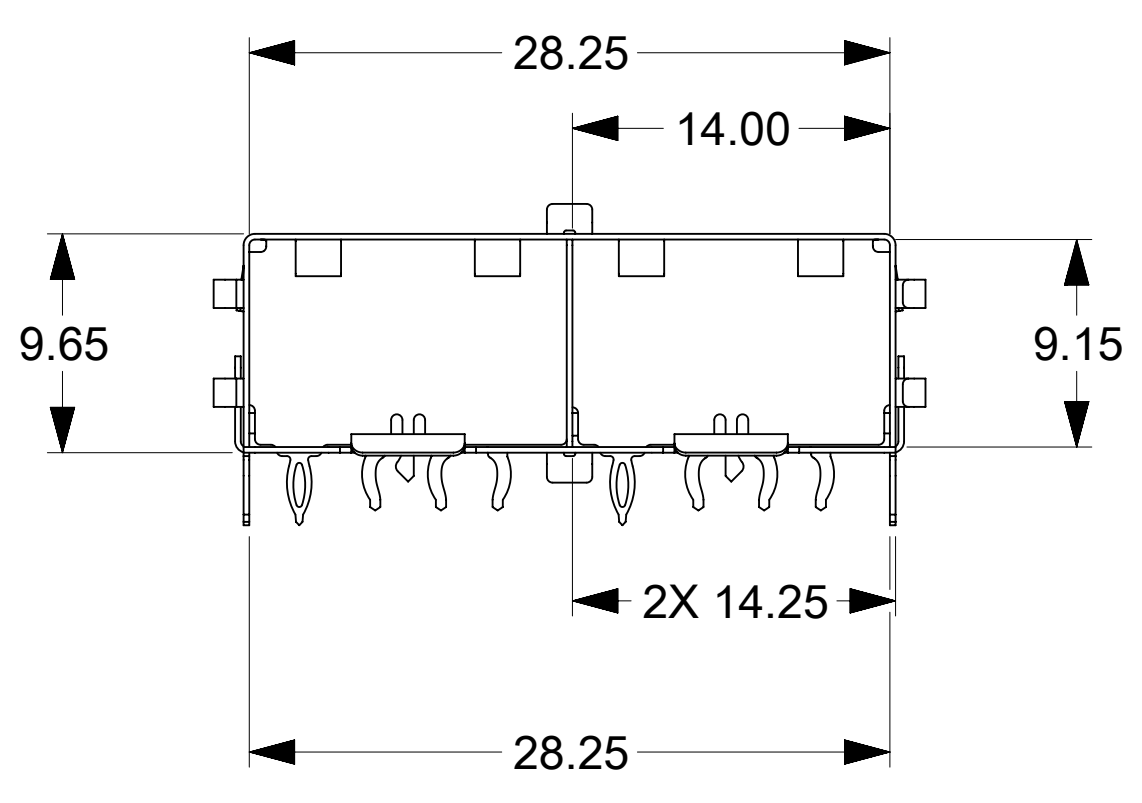
- NOTES:**
- PRESS FIT LEGS 3.05 LONG-
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
 - MATERIAL: COPPER ALLOY
PLATING: NONE
NOTE: A NICKEL PLATED VERSION OF THIS ASSEMBLY IS AVAILABLE.
REFER TO DOCUMENT SD-74722-004
 - REFERENCE DOCUMENTS:
PRODUCT 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.



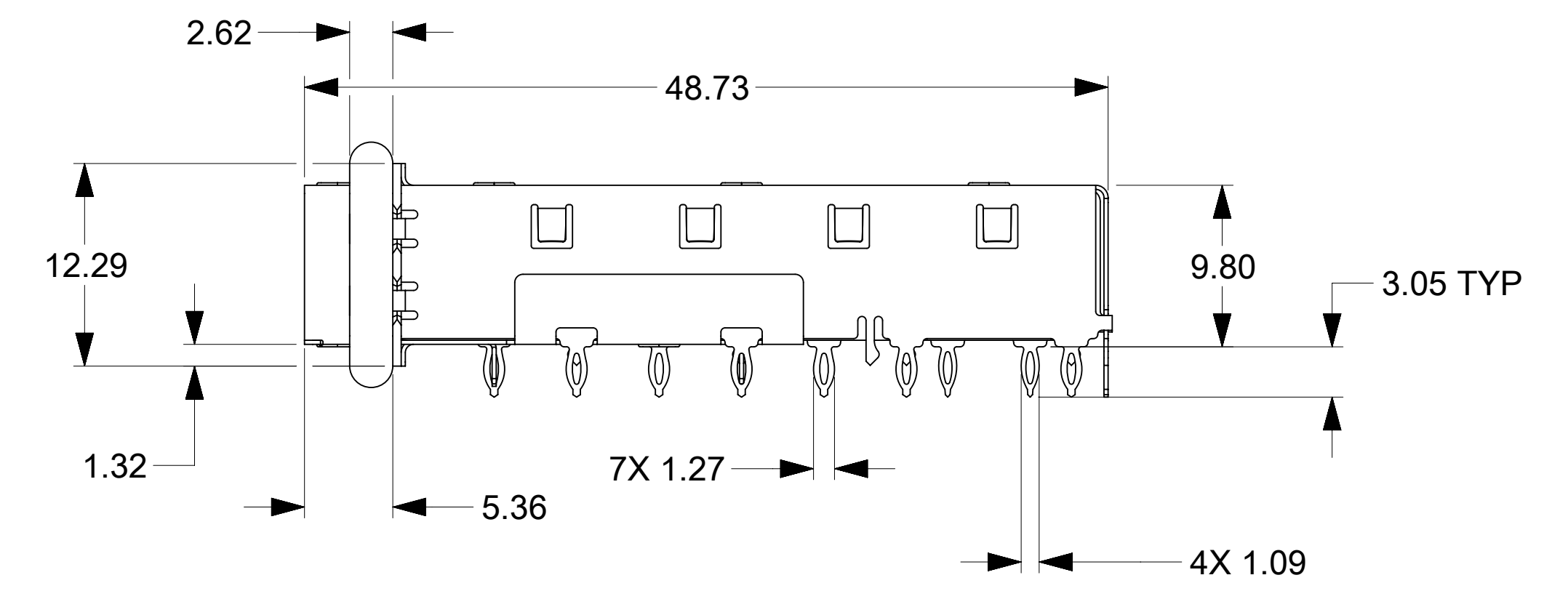
360° ELASTOMER EMI GASKET COMPLIES WITH (SFP) MSA BOARD AND BEZEL LOCATIONS



INNER WALL TABS ARE COINED OVER BASE AND COVER FOR RIGIDITY



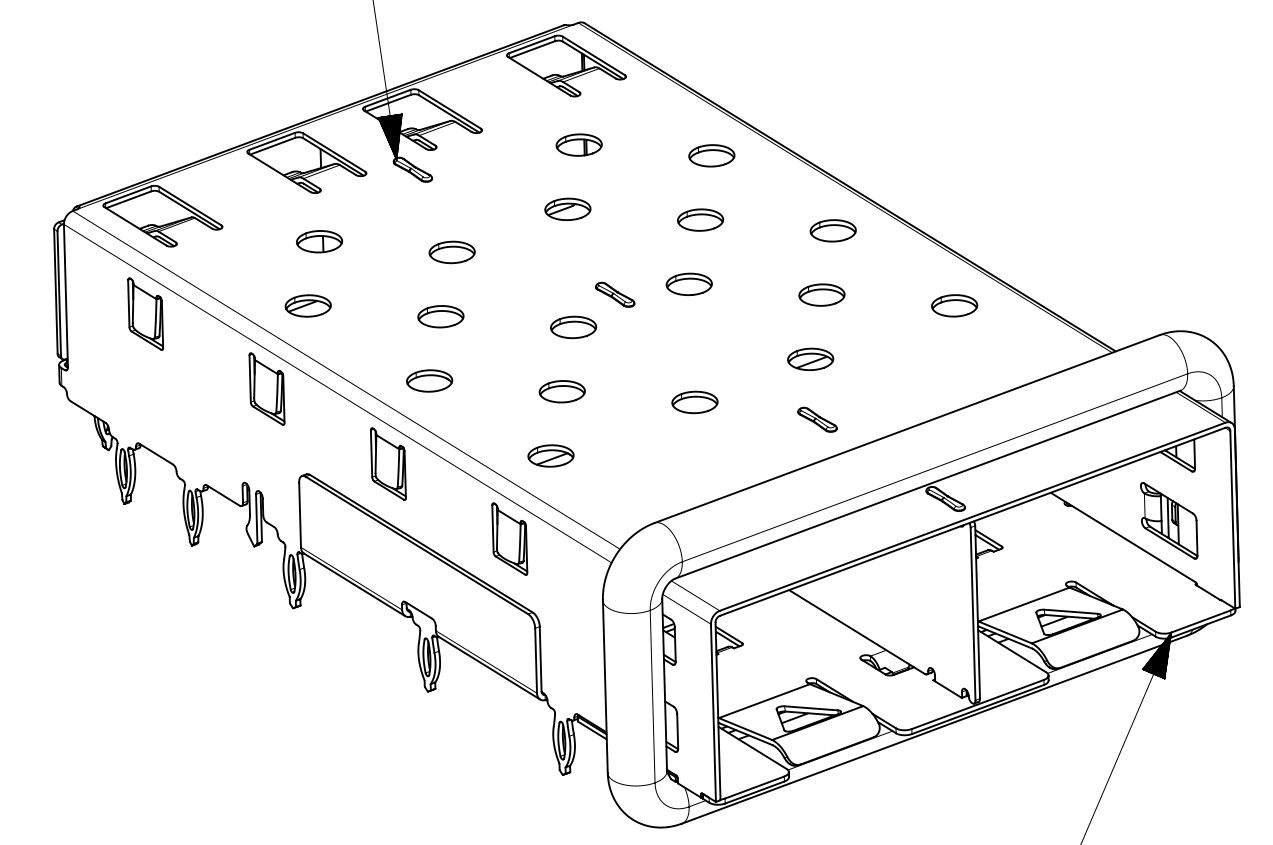
GASKET AND FRAME REMOVED FOR CLARITY



PART NUMBER
739270250

EMI FINGERS CONTACT ADAPTER

6 UNDER BELLY EMI PINS

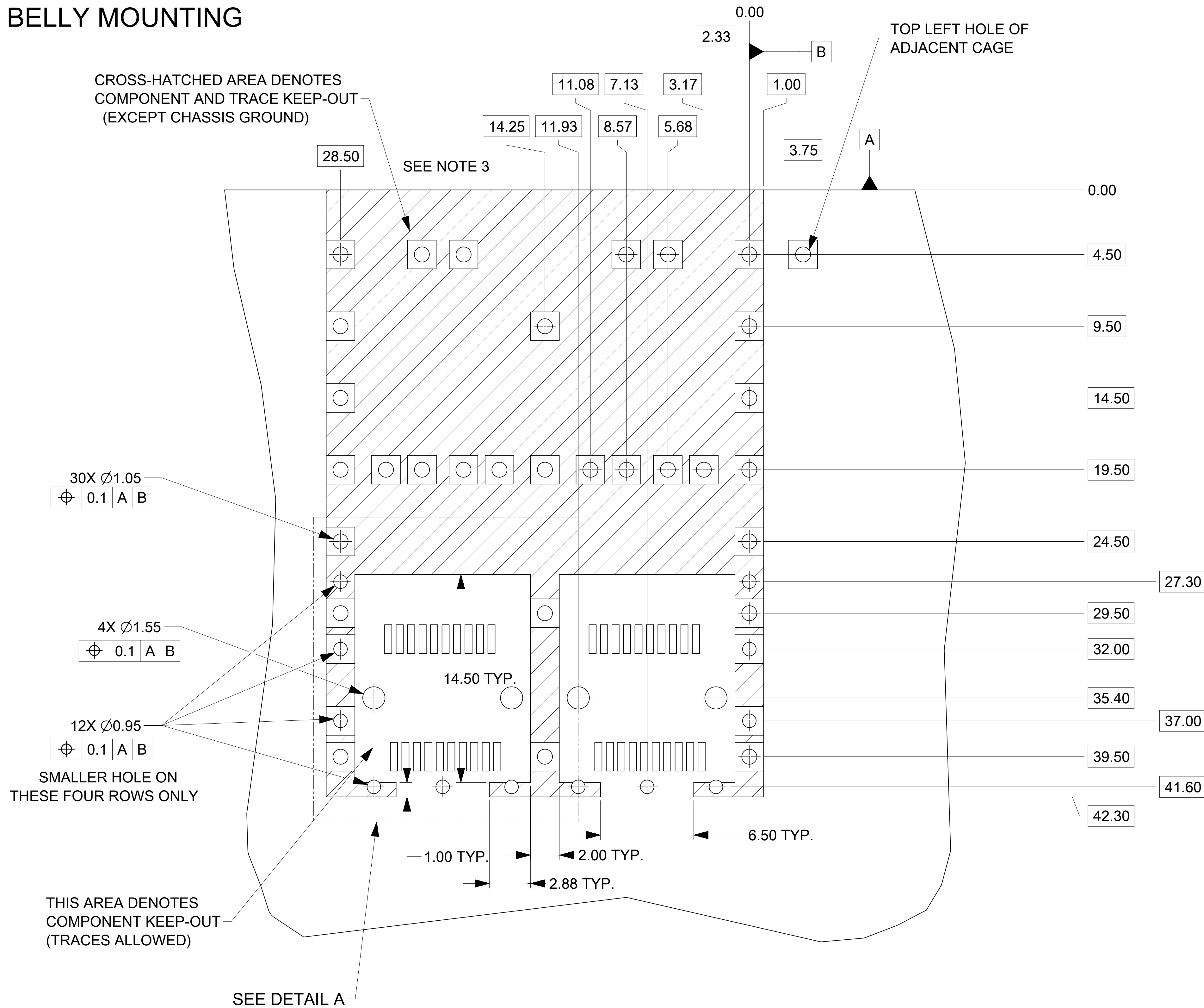


DIMENSIONS OF EACH INNER CAGE DESIGNED TO FUNCTION WITH SMALL FORM-FACTOR PLUGGABLE (SFP) TRANSCEIVER

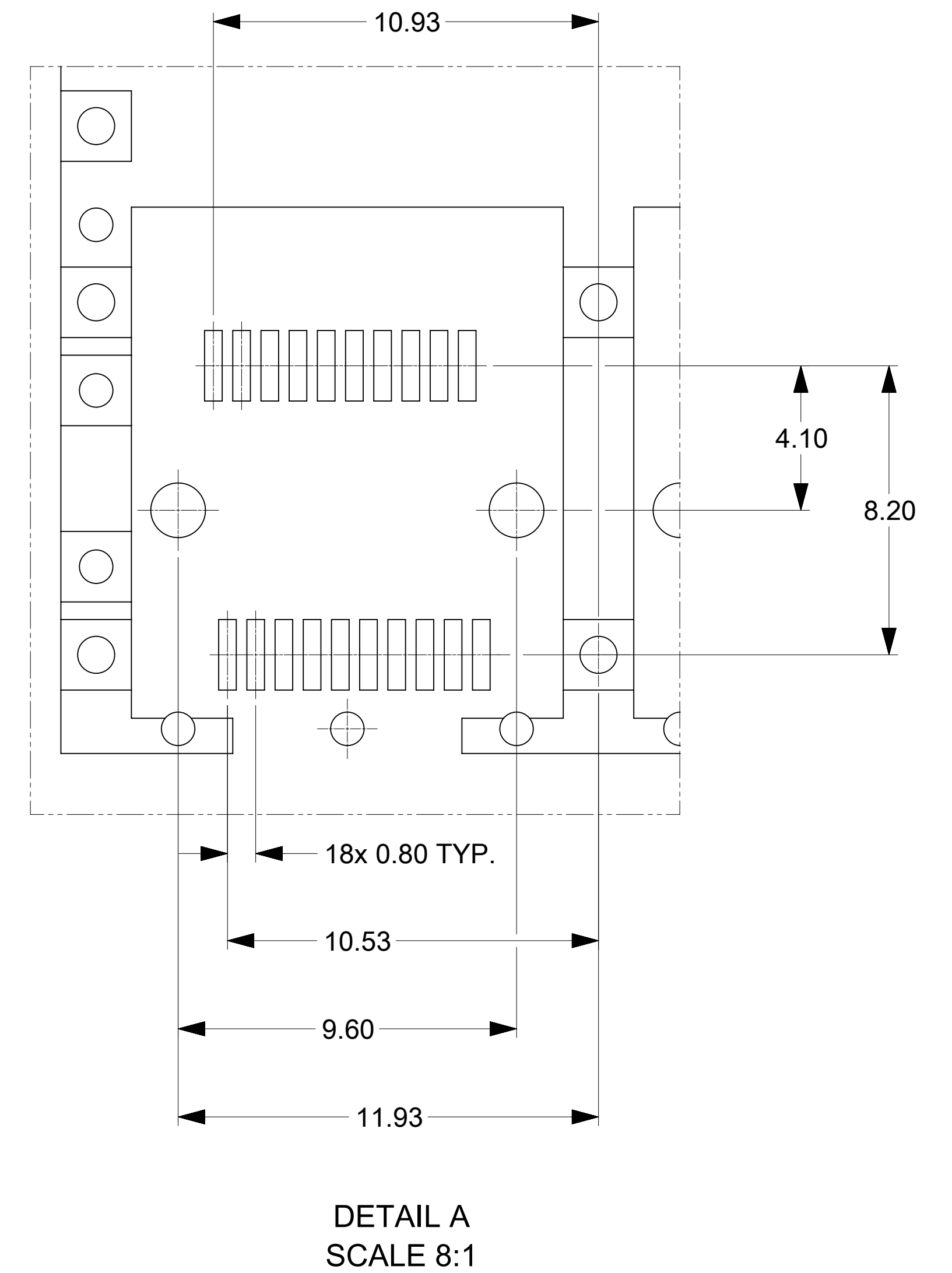
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

PCB LAYOUT FOR SINGLE SIDE MOUNTING

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

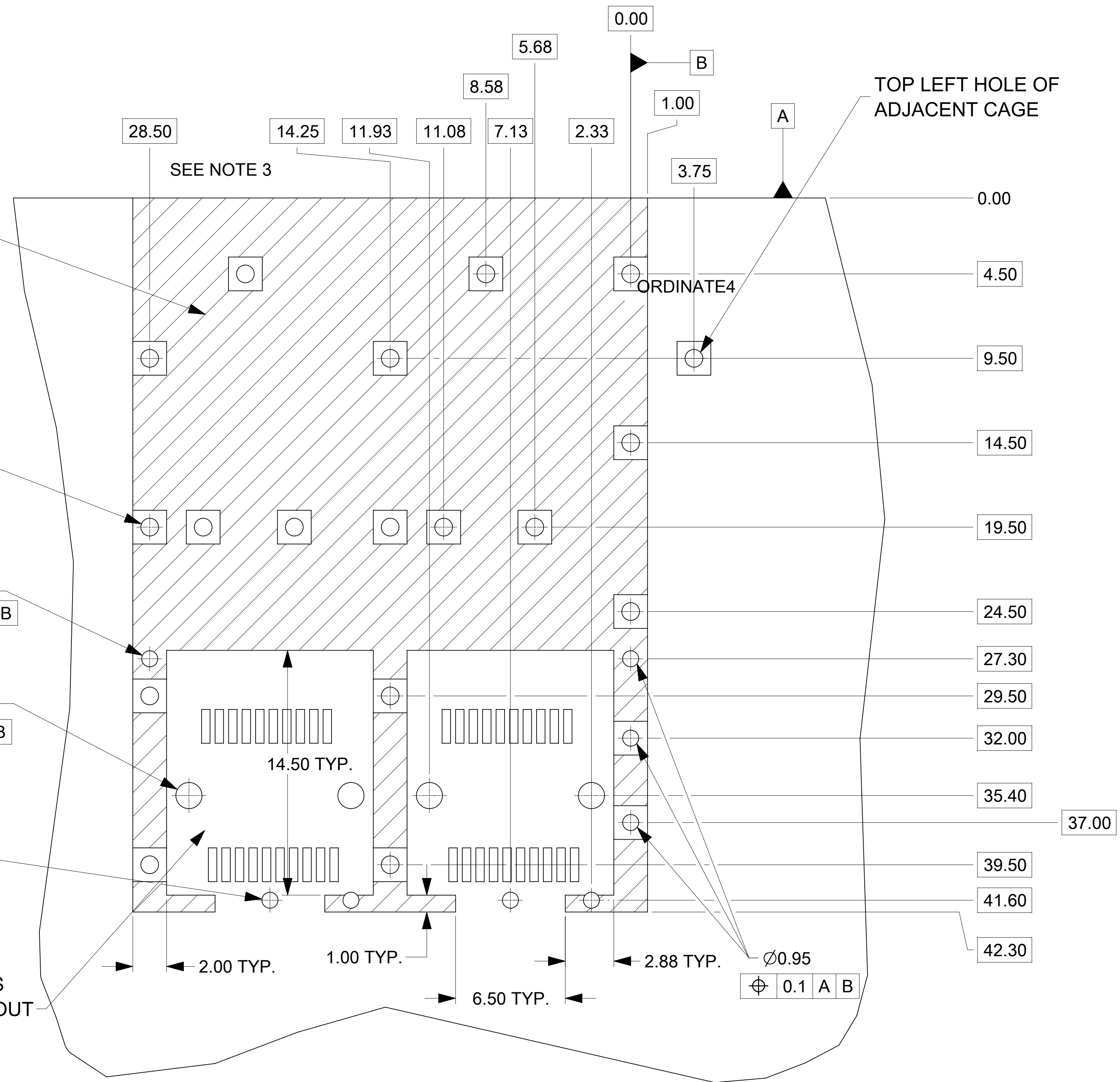
17X Ø1.05
± 0.1 A B

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		SCALE		CURRENT REV DESC:	
MM		6:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 620216	
		MM	INCH	DRWN: AKUMAR19 2018/05/31	
4 PLACES	±			2019/07/09	
3 PLACES	±			CHK'D: GGA	
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 NUMBER		DOC TYPE		DOC PART	
SD-73927-250		PSD		001 E	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE TABLE		GENERAL MARKET		3 OF 5	

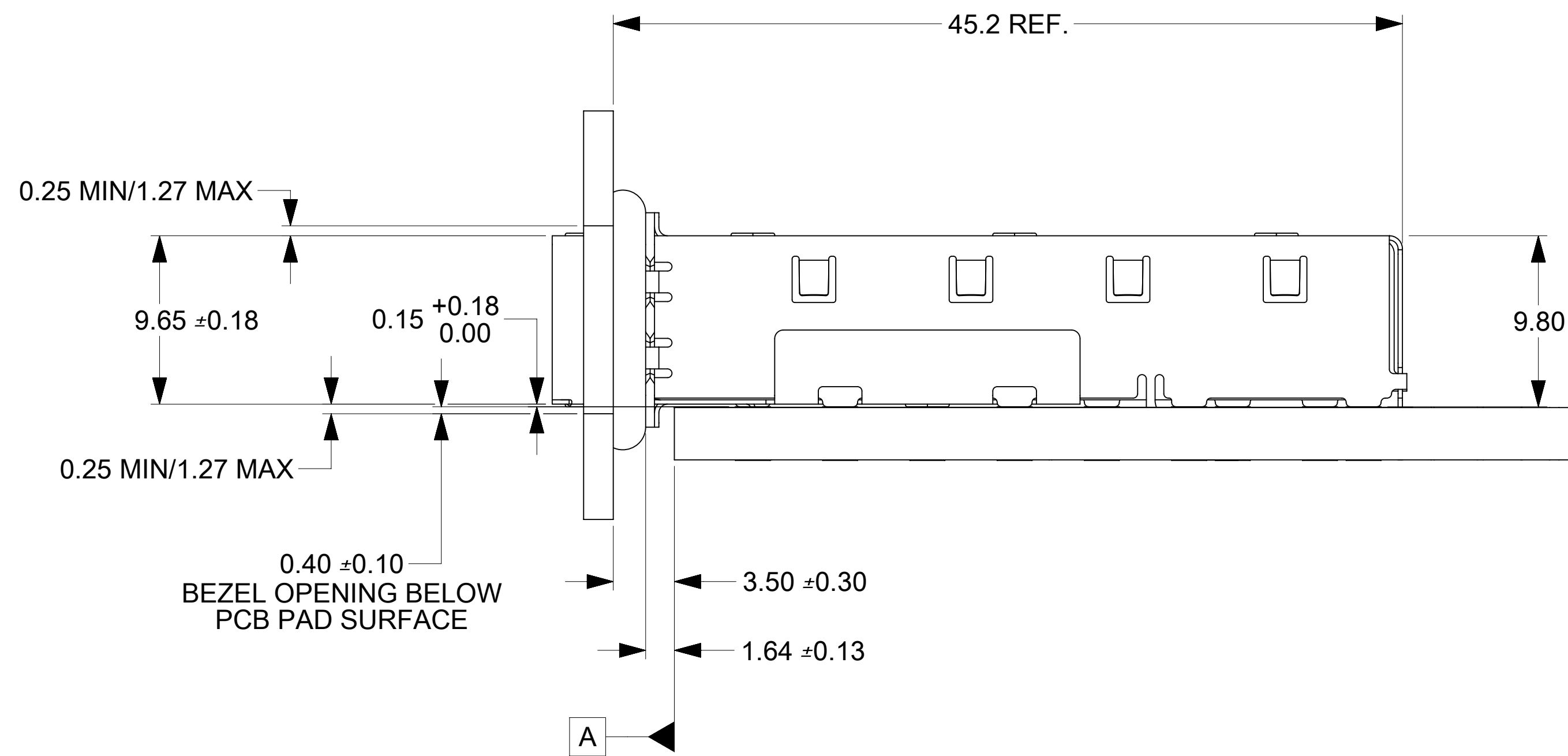
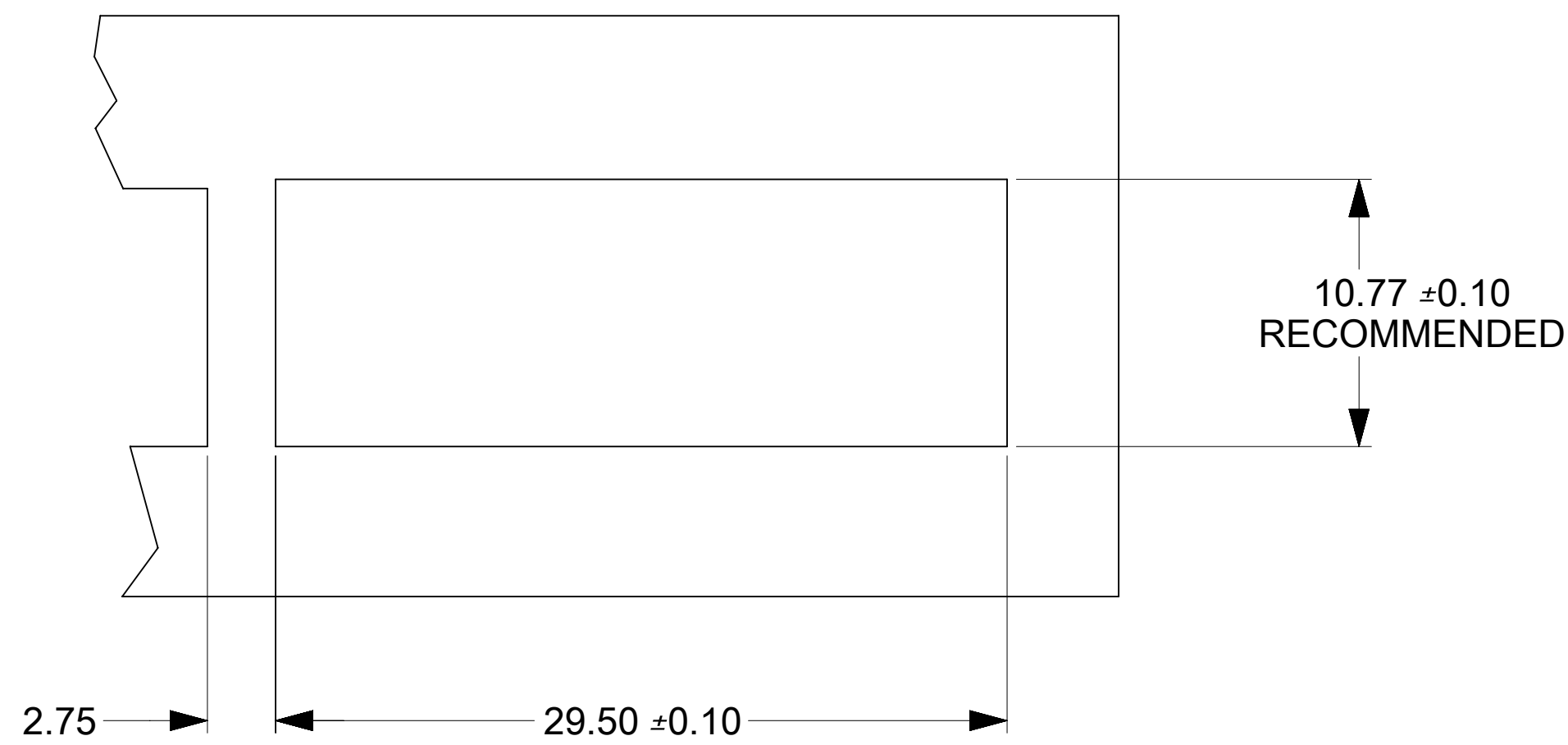
molex

1X2 SFP GANGED CAGE
ASSEMBLY PRESS FIT

PRODUCT CUSTOMER DRAWING

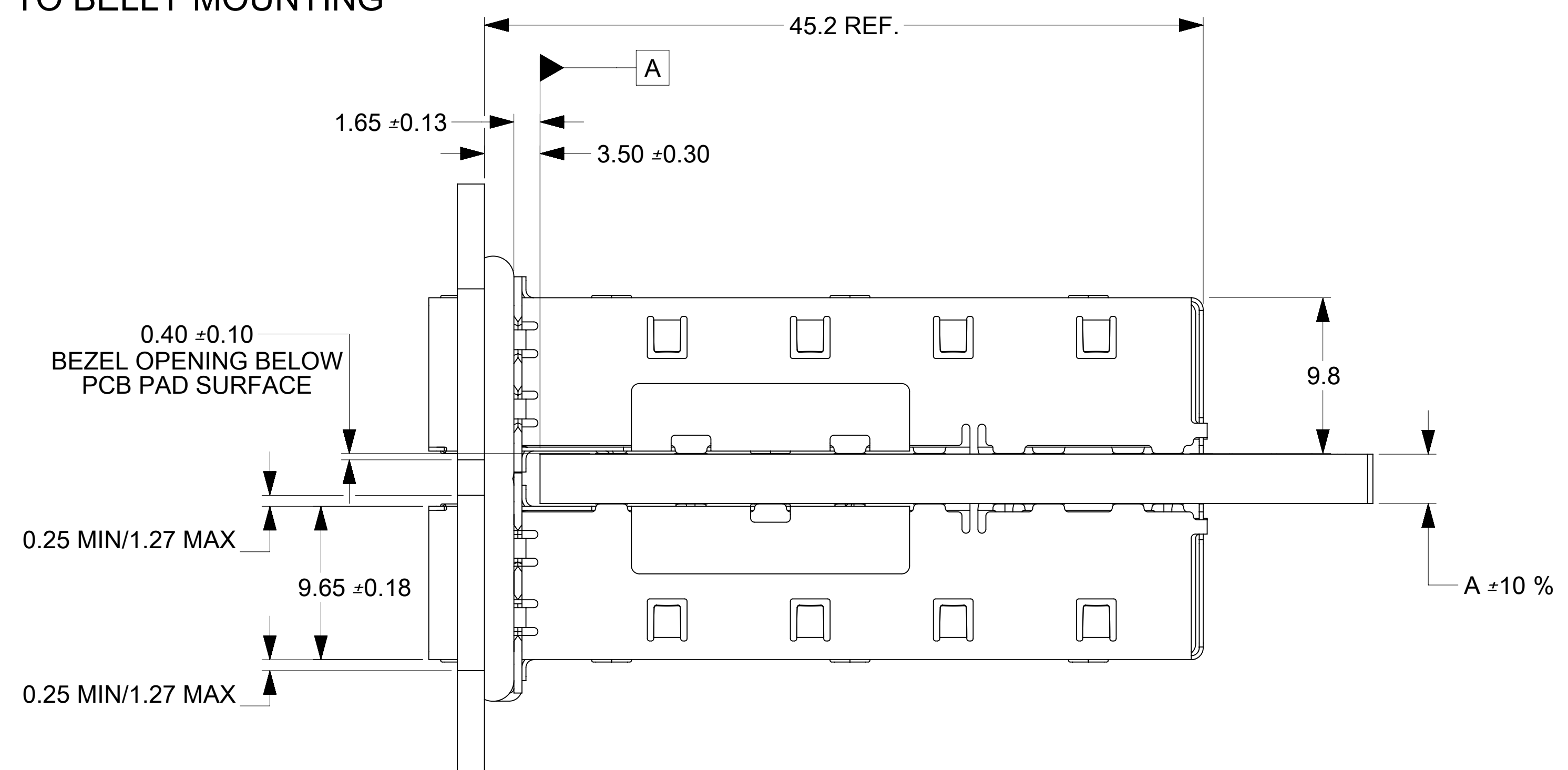
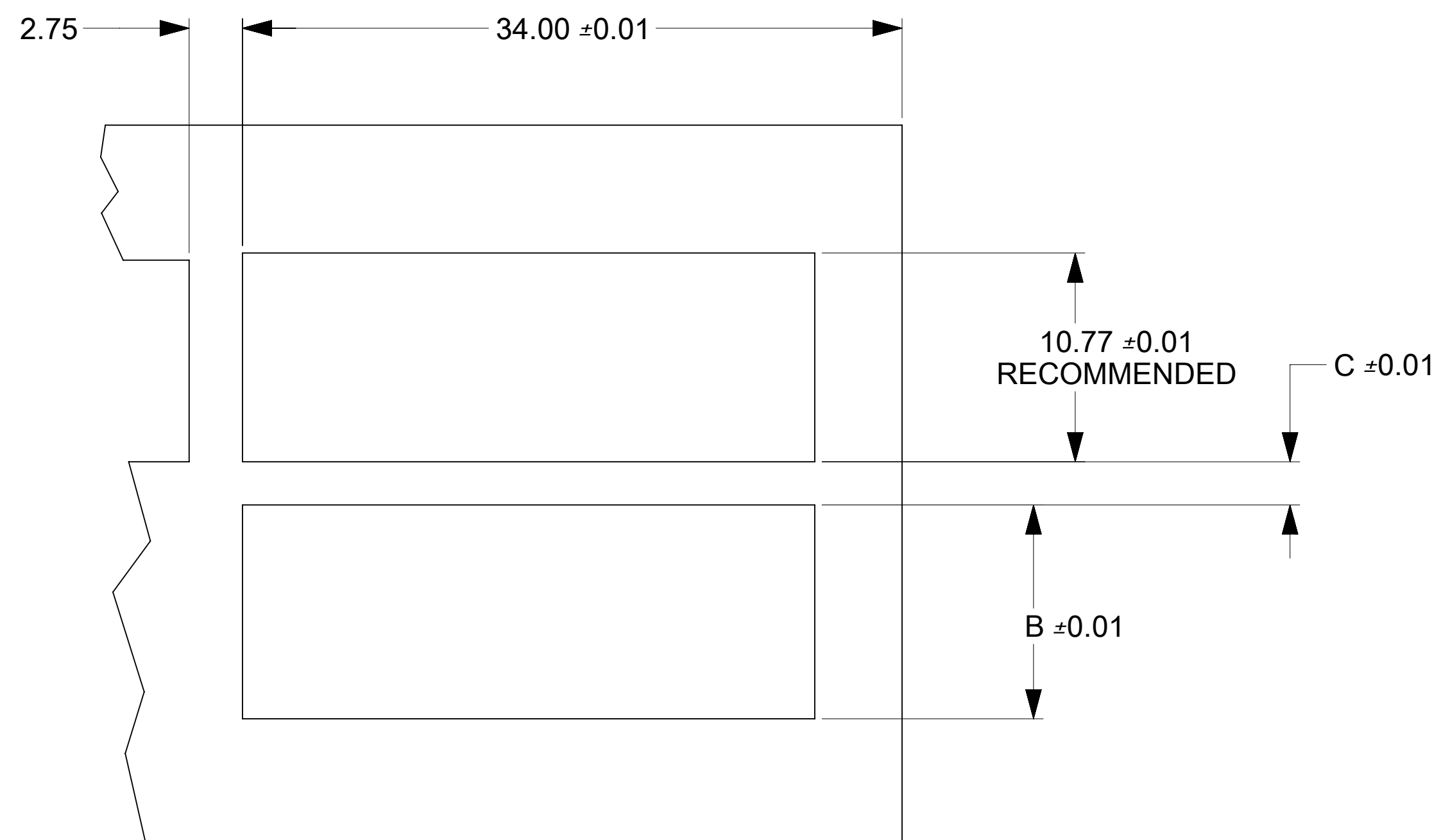
DOCUMENT NUMBER: SD-73927-250
DOC TYPE: PSD
DOC PART: 001
REVISION: E

MATERIAL NUMBER: SEE TABLE
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 3 OF 5



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

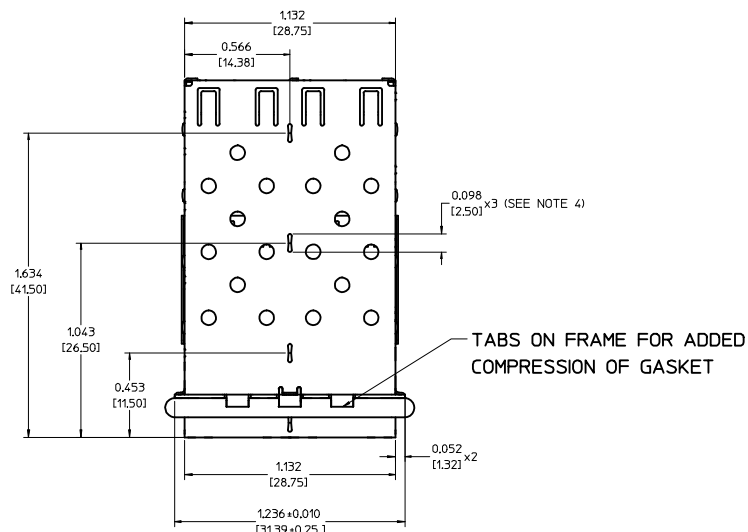
REVISION HISTORY

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. OBSOLETED 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							
	MM				INCH		DOCUMENT NUMBER DOC TYPE DOC PART REVISION					
4 PLACES	±				±		SD-73927-250		PSD	001	E	
3 PLACES	±				±		SEE TABLE		GENERAL MARKET		SHEET NUMBER	
2 PLACES	±	0.13	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES			
1 PLACE	±	0.25	±	D-SIZE		73927		5 OF 5				
0 PLACES	±	±		ANGULAR TOL		± 1.0 °		MATERIAL NUMBER CUSTOMER				

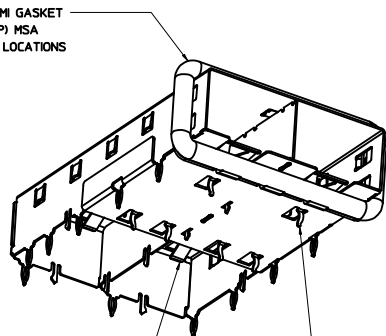
NOTES:

1. PRESS FIT LEGS 0.120" LONG-
0.062 [1.57] MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
THIS CAGE IS NOT DESIGNED FOR USE IN BELLY-TO-BELLY APPLICATIONS.
2. MATERIAL: COPPER ALLOY
PLATING: PRE-PLATED NICKEL
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).



TABS ON FRAME FOR ADDED COMPRESSION OF GASKET

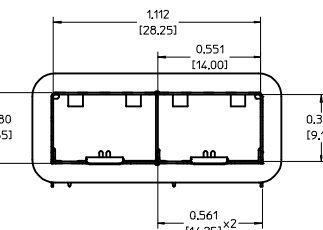
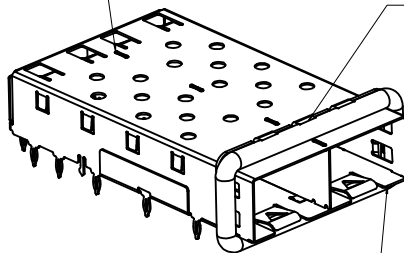
360° ELASTOMER EMI GASKET COMPLIES WITH (SFP) MSA BOARD AND BEZEL LOCATIONS



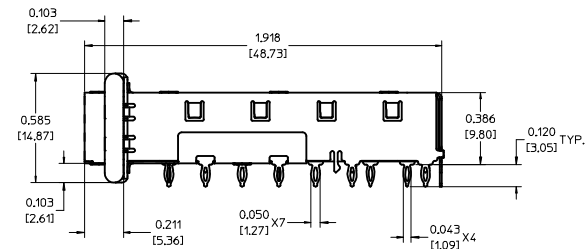
EMI FINGERS CONTACT ADAPTER

6 UNDER BELLY EMI PINS

INNER WALL TABS ARE COINED OVER BASE AND COVER FOR RIGIDITY



FRAME HAS TABS TO ADD COMPRESSION OF GASKET AGAINST CAGE FOR ENHANCED EMI PERFORMANCE. GASKET SEAM IS LOCATED ON TOP OF CAGE.



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

ENTER DESCRIPTION IEC NO: USY2006-0073 DRAWN BY: KSI MONSON 2006/01/17 CHECKED BY: CHYK BRUSSELL 2006/01/20 APPROVED BY: BRUSSELL 2006/01/25 REV:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.0005</td> </tr> <tr> <td>3 PLACES</td> <td>±.005</td> <td>±.0005</td> </tr> <tr> <td>2 PLACES</td> <td>±.013</td> <td>±.0010</td> </tr> <tr> <td>1 PLACE</td> <td>±.025</td> <td>±.0010</td> </tr> </table> ANGULAR ± 1°		mm	INCH	4 PLACES	±.005	±.0005	3 PLACES	±.005	±.0005	2 PLACES	±.013	±.0010	1 PLACE	±.025	±.0010	DIMENSION STYLE IN/MM	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	±.005	±.0005																		
	3 PLACES	±.005	±.0005																		
2 PLACES	±.013	±.0010																			
1 PLACE	±.025	±.0010																			
DRAWN BY: KSI MONSON 2005/10/06 CHECKED BY: BRUSSELL 2005/10/06 APPROVED BY: BRUSSELL 2005/10/06	MATERIAL NO: 747220004	TITLE: 1X2 SFP GANGED CAGE ASSY, FRAME W/ TABS PRE-PLATED	DOCUMENT NO: SD-74722-004	MOLEX INCORPORATED	SHEET NO. 1 OF 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																					
SIZE D																					

PCB LAYOUT FOR SINGLE SIDE MOUNTING

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

$\phi .041$ X17
 $\Phi .004[A|B]$

$\phi .037$ X8
 $\Phi .004[A|B]$

$\phi .061$ X8
 $\Phi .004[A|B]$

$\phi .037$ X4
 $\Phi .004[A|B]$

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL 1

SEE NOTE 3

TOP LEFT HOLE OF ADJACENT CAGE

.000
[0.00]

.469 [11.93] .338 [8.58] .224 [5.68]
.561 [14.25] .436 [11.08] .281 [7.13] .092 [2.33] .039 [1.00] .148 [3.75]

.000 [0.00]

.177 [4.50]

.374 [9.50]

.571 [14.50]

.768 [19.50]

.965 [24.50]

1.075 [27.30]

1.161 [29.50]

1.260 [32.00]

1.394 [35.40]

1.457 [37.00]

1.555 [39.50]

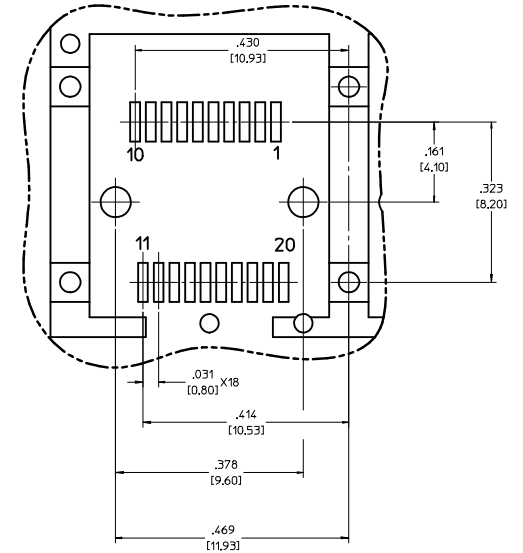
1.638 [41.60]

1.665 [42.30]

.079 TYP. [2.00] .039 TYP. [1.00] .256 TYP. [6.50] .113 TYP. [2.88]

$\phi .037$ X4
 $\Phi .004[A|B]$

DETAIL 1
SCALE 8:1



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.

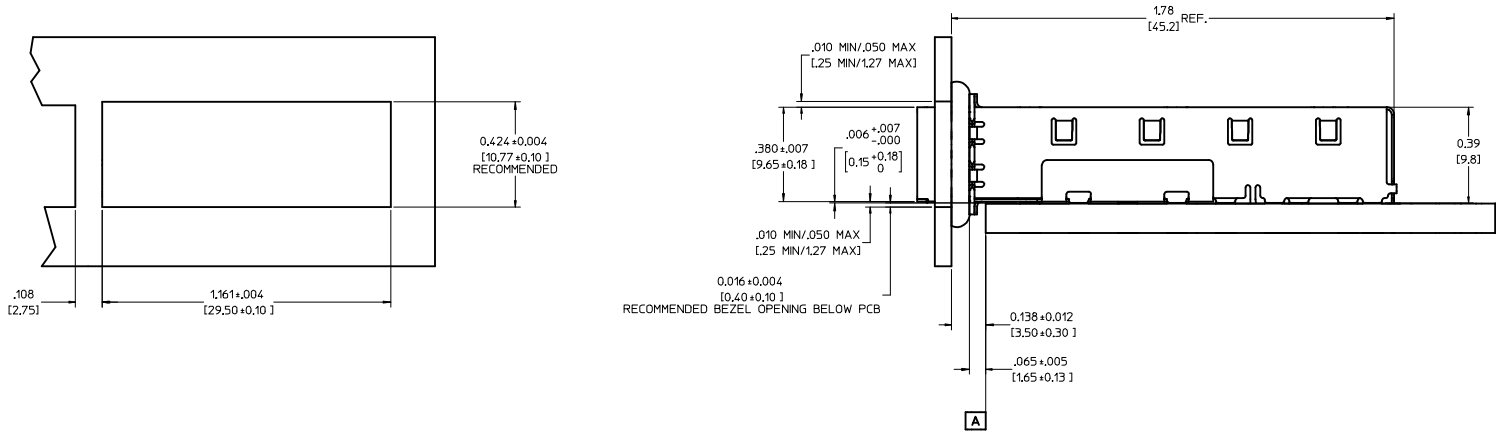
4. HOLE PATTERN REPEATS FOR EACH PORT.
SPACING BETWEEN PORTS IS 0.561 [14.25]

5. CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

ENTER DESCRIPTION EC NO: USY2006-0073 DRAWN BY: SIMONSON 2006/01/17 CHECKED BY: CHYDORUSSELL 2006/01/20 APPROVED BY: 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 ±.--- ±.--- 3 PLACES ±.--- ±.005 2 PLACES ±0.13 ±.010 1 PLACE ±0.25 ±.---	mm INCH	DRAWN BY: KSIMONSON DATE: 2005/10/06	CHECKED BY: BRUSSELL DATE: 2005/10/06	TITLE 1X2 SFP GANGED CAGE ASSY, FRAME W/ TABS PRE-PLATED			
		ANGULAR ± 1°		APPROVED BY: BRUSSELL DATE: 2005/10/06	MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO: 747220004	DOCUMENT NO: SD-74722-004	SHEET NO. 2 OF 4			

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

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



ENTER DESCRIPTION IEC NO: LSY2006-0073 DRAWN BY: DRYNKS IMONSON 2006/01/17 CHECKED BY: 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 ±.--- ±.---	3 PLACES ±.--- ±.005	2 PLACES ±0.13 ±.010	1 PLACE ±0.25 ±.---	DRAWN BY: KS IMONSON 2005/10/06 CHECKED BY: BRUSSELL 2005/10/06 APPROVED BY: BRUSSELL 2005/10/06			
		ANGULAR ± 1°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO: 747220004		DOCUMENT NO: SD-74722-004	
						SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

TITLE
 1X2 SFP GANGED CAGE ASSY, FRAME W/ TABS PRE-PLATED




MOLEX MOLEX INCORPORATED

SHEET NO.
 3 OF 4

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

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

DATE	REV	CHANGES	COMMENTS
2005/10/06	A	INITIAL RELEASE	N/A

ENTER DESCRIPTION IEC NO: USY2006-0073 DRAWN BY: DRANKS IMONSON 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 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± ---	DRAWN BY: DATE KS IMONSO 2005/10/06 CHECKED BY: DATE BRUSSELL 2005/10/06 APPROVED BY: DATE BRUSSELL 2005/10/06	TITLE 1X2 SFP GANGED CAGE ASSY. FRAME W/ TABS PRE-PLATED				
		ANGULAR ± 1°	MATERIAL NO. 747220004			DOCUMENT NO. SD-74722-004		SHEET NO. 4 OF 4
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MOLEX INCORPORATED					

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