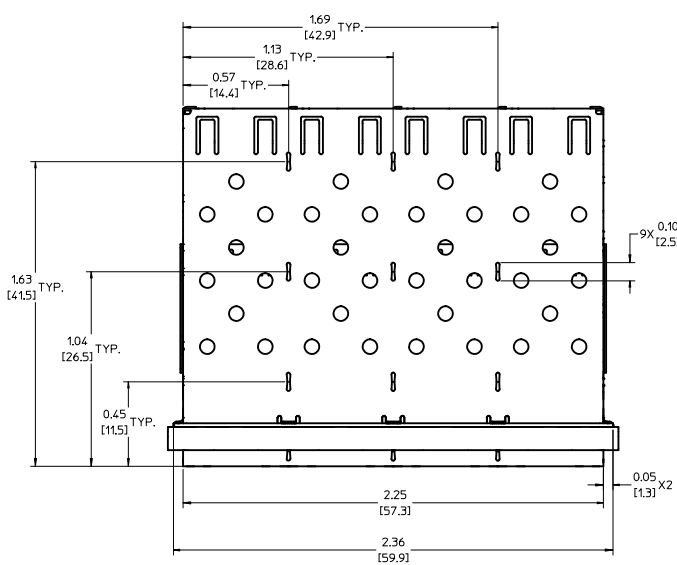
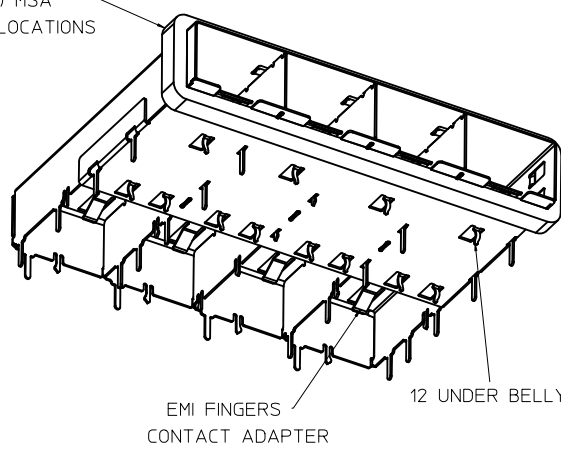


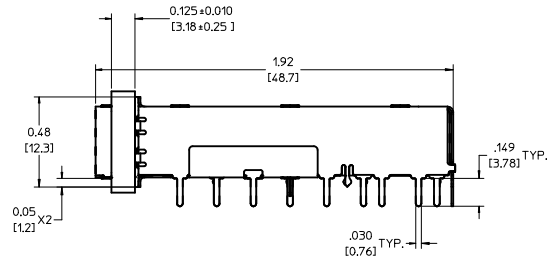
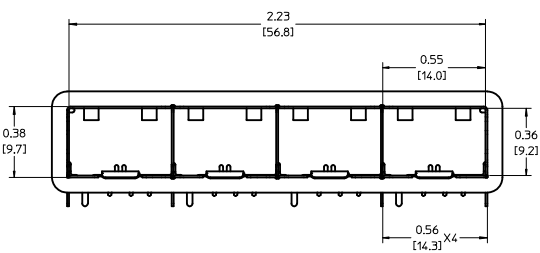
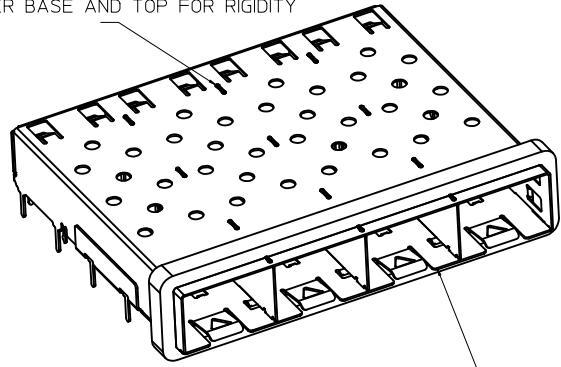
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



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



INNER WALL TABS ARE COINED OVER BASE AND TOP FOR RIGIDITY



NOTES:

1. SOLDER POSTS 0.149" LONG.
2. MATERIAL: COPPER ALLOY
PLATING: NONE

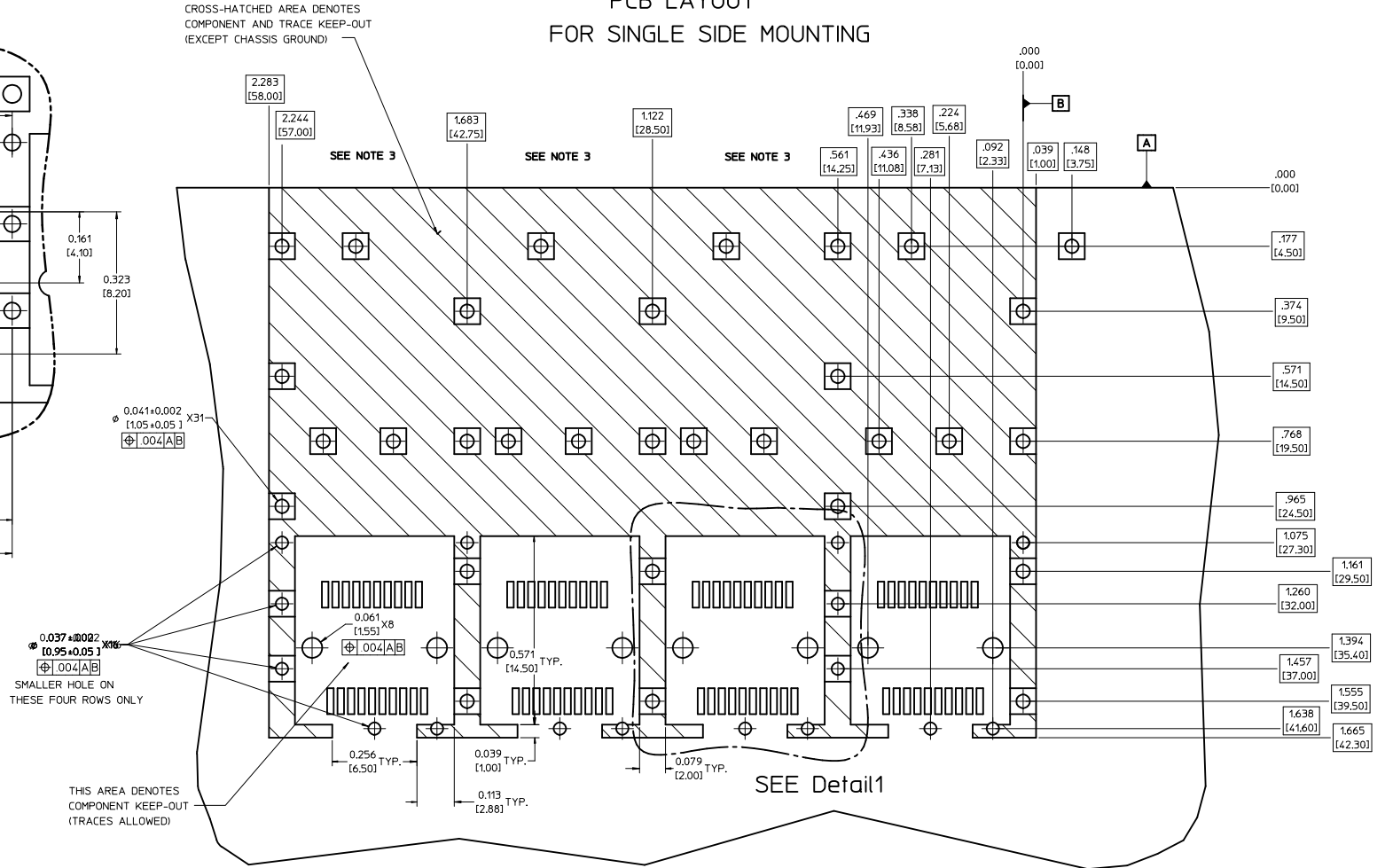
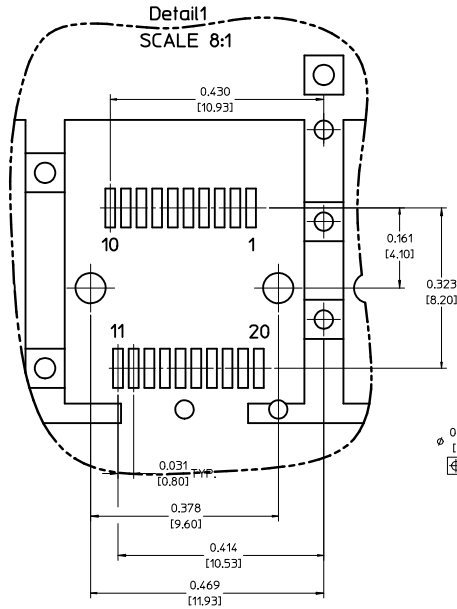
NOTE: A NICKEL PLATED VERSION OF THIS ASSEMBLY IS AVAILABLE.
REFER TO DOCUMENT SD-74728-421.

3. REFERENCE DOCUMENTS:
PRODUCT SPECIFICATION: PS-74728-000
COSMETIC SPECIFICATIONS: WI-HP-7-2774 AND WI-HPA-7-0093
4. THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC).

ENTER DESCRIPTION EC NO: USY2011-0270 DRAWN BY: INSK CHKD: ANOTA APPR: KJANOTA REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm		INCH		DRAWN BY KLLOYD	DATE 2003/03/05	TITLE 1X4 SFP GANGED CAGE ASSEMBLY, SOLDER POSTS		
		4 PLACES ± ---		± ---		CHECKED BY MMISKIN				DATE 2003/03/05
		3 PLACES ± ---		± .005		APPROVED BY KJANOTA		DATE 2010/10/21	MOLEX INCORPORATED	
		2 PLACES ± 0.13		± .01		MATERIAL NO. 739270402		DOCUMENT NO. SD-73927-402		
		1 PLACE ± 0.25		± .00		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 4		
		ANGULAR ± 1 °								

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

PCB LAYOUT FOR SINGLE SIDE MOUNTING

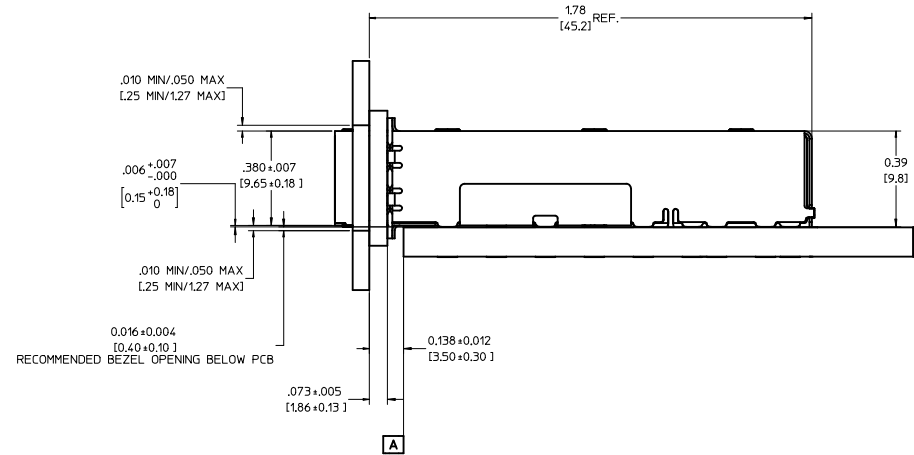
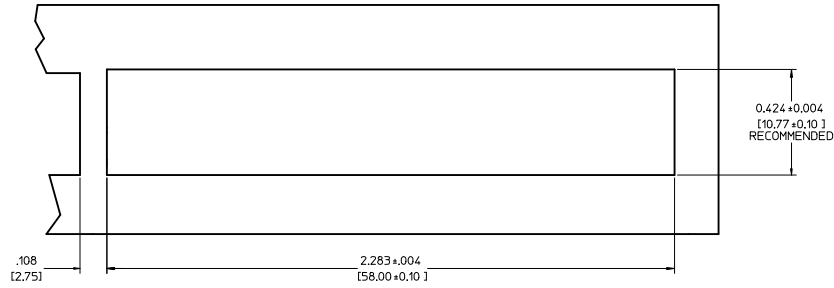


NOTES:

- 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 14.25mm.
- CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

ENTER DESCRIPTION EC NO: US2011-0270 DRAWN BY: INSK 2010/10/19 CHYK: APPROX: JANOTA 2010/10/21	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 ±.01 1 PLACE ±0.25 ±--- ANGULAR ± 1°		DRAWN BY: KLOYD DATE: 2003/03/05 CHECKED BY: MMISKIN DATE: 2003/03/05 APPROVED BY: KJANOTA DATE: 2010/10/21		TITLE 1X4 SFP GANGED CAGE ASSEMBLY, SOLDER POSTS		
		MATERIAL NO. 739270402		DOCUMENT NO. SD-73927-402			SHEET NO. 2 OF 4	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



ENTER DESCRIPTION EC NO: USY2011-0270 DRAWN BY: KLSKI CHKD: JANO APPR: KJANO REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY KLLOYD	DATE 2003/03/05	TITLE 1X4 SFP GANGED CAGE ASSEMBLY, SOLDER POSTS				
		4 PLACES	± ---	± ---	CHECKED BY MMISKIN	DATE 2003/03/05					
		3 PLACES	± ---	± .005	APPROVED BY KJANO	DATE 2010/10/21	MOLEX INCORPORATED				
		2 PLACES	± 0.13	± .01	MATERIAL NO. 739270402 DOCUMENT NO. SD-73927-402						SHEET NO. 3 OF 4
		1 PLACE	± 0.25	± ---							
		ANGULAR ± 1 °									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

2019181716151413121110987654321

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DATE MONTH/DAY/YEAR	REV	CHANGES	COMMENTS
9/12/02	A	INITIAL RELEASE	N/A
5/20/03	B	MOVED PCB LAYOUT AND BEZEL DETAILS TO DOCUMENT SD-73927-400	N/A
3/25/04	C	UDATED VIEWS FOR COVER MODIFICATIONS	N/A
10/12/04	D	UDATED VIEWS	DOCUMENT CHANGE ONLY
10/07/05	E	ADD PCB AND BEZEL LAYOUT. UPDATED NOTES.	DOCUMENT CHANGE ONLY
10/19/10	F	COINED INNER WALL TAB LENGTH FROM 0.10 INCH [2.5 MM] +/- .01 INCH [0.25 MM] TO MAXIMUM	DOCUMENT CHANGE ONLY

ENTER DESCRIPTION
EC NO: USY2011-0270
TDRWNRMIKLSKI 2010/10/19
CHKD:
APPR:KJANOTA 2010/10/21
REV

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 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY DATE
KLLOYD 2003/03/05
CHECKED BY DATE
MMISKIN 2003/03/05
APPROVED BY DATE
KJANOTA 2010/10/21
MATERIAL NO.
739270402
SIZE
D

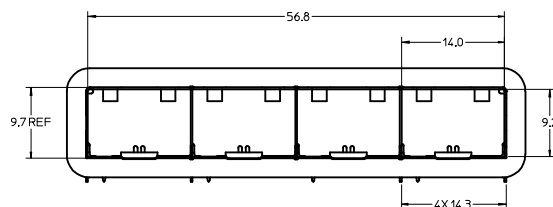
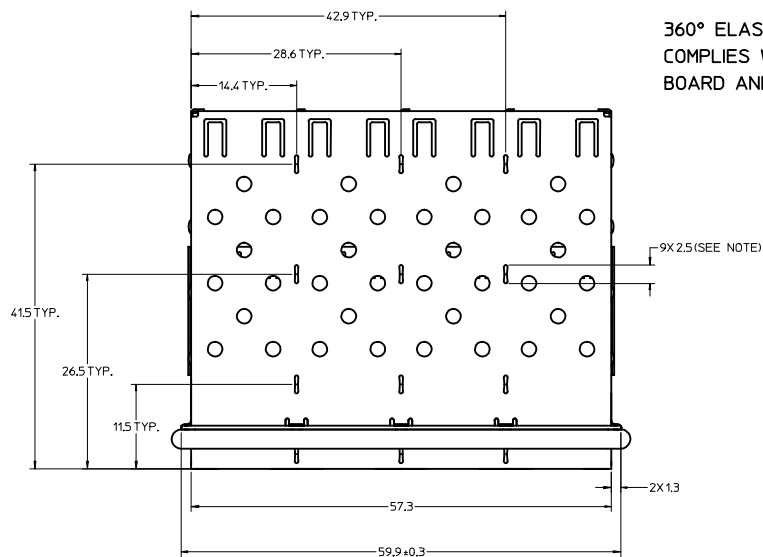
SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION

TITLE
1X4 SFP GANGED
CAGE ASSEMBLY,
SOLDER POSTS
MOLEX INCORPORATED
DOCUMENT NO.
SD-73927-402
SHEET NO.
4 OF 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

Id: frame_ID_P_AM_T
Rev. D 2004/06/28

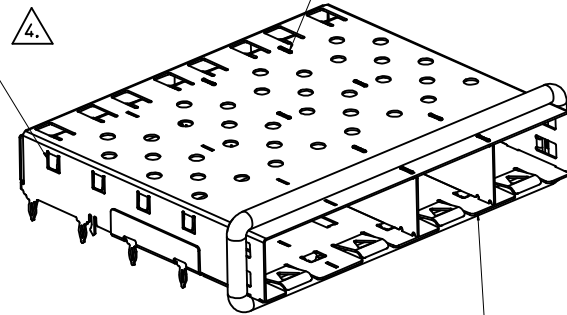
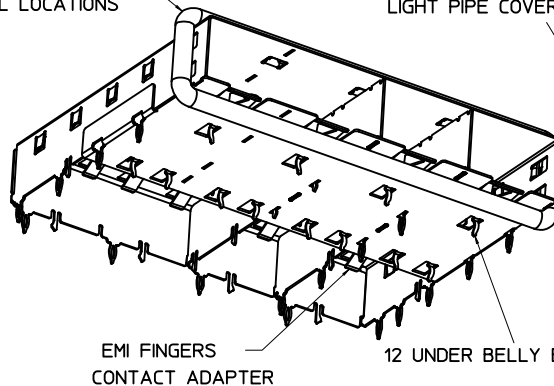
MM 3D MODEL:EM-74728-0415



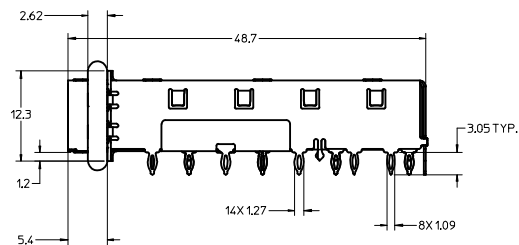
360° ELASTOMER GASKET
COMPLIES WITH (SFP) MSA
BOARD AND BEZEL LOCATIONS

HOOKS USED WITH OPTIONAL
LIGHT PIPE COVER ASSEMBLY

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:

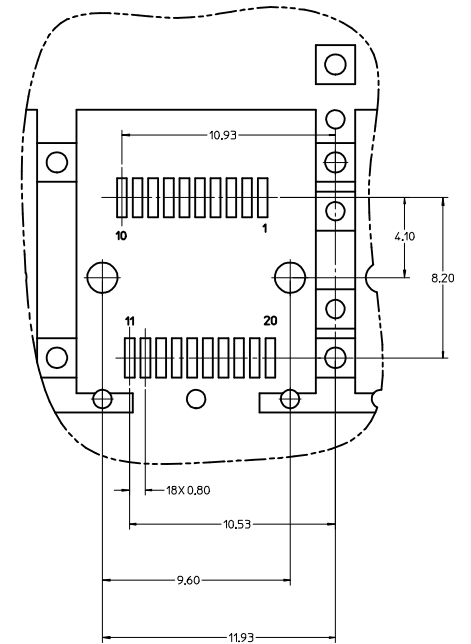
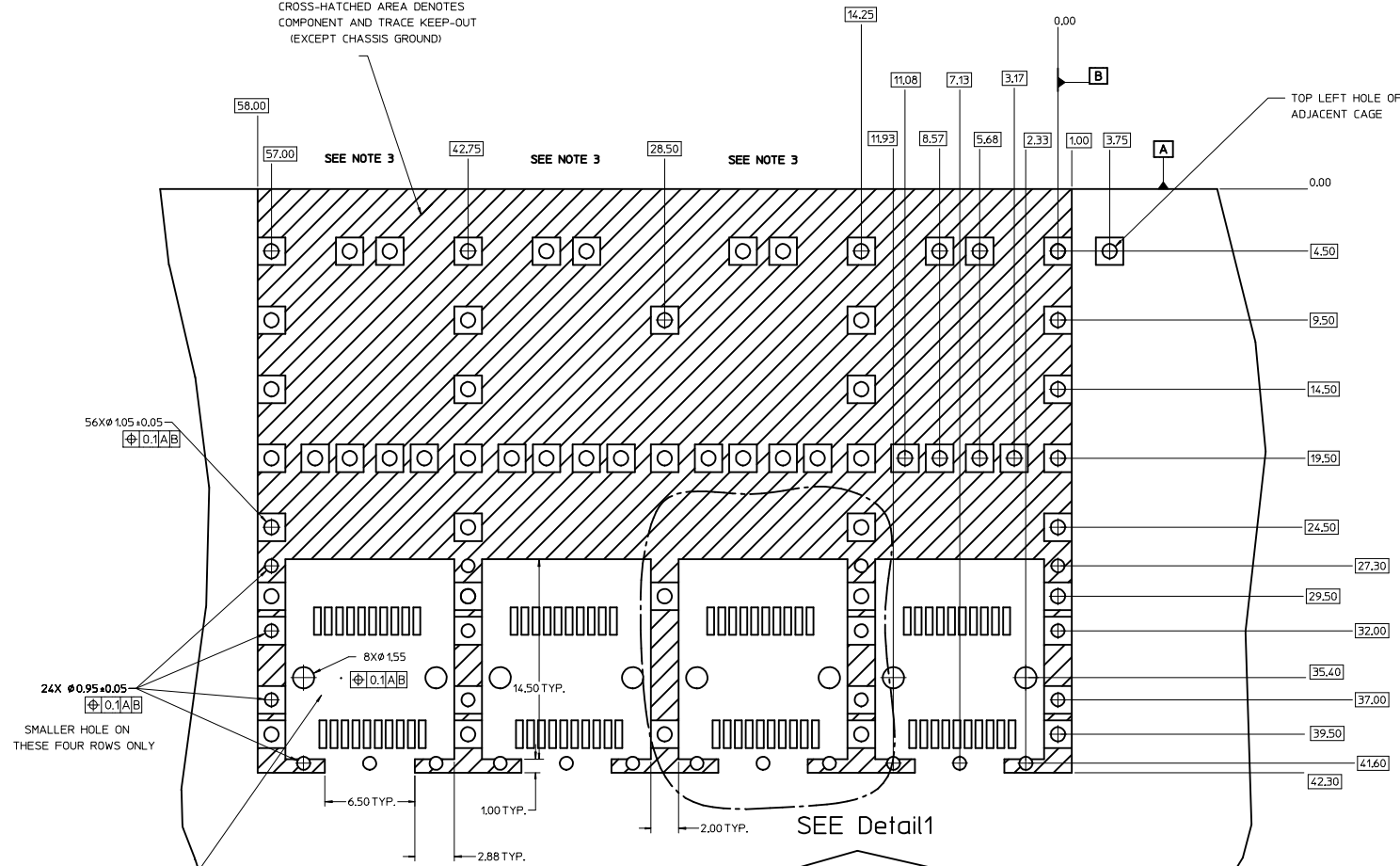
- PRESS FIT LEGS 3.05 LONG-
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
- MATERIAL: COPPER ALLOY
PLATING: NONE.
NOTE: A PRE-PLATED NICKEL VERSION IS AVAILABLE.
REFER TO DOCUMENT SD-74728-420.
- REFERENCE DOCUMENTS:
PRODUCT SPECIFICATION: PS-74728-000.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

SEE REVISION TABLE EC NO: CPG2014-3390 DRAWN BY: DRWNL120 CHECKED BY: CHXORCHEN08 APPROVED BY: 2014/06/30	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED):		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
		mm	INCH	MM ONLY	DATE						
		4 PLACES ± ---	± ---		KSIMONSO	2004/10/09			1X4 SFP GANGED CAGE ASSY, W/ 0.103 GASKET PRESS FIT, F/ LIGHT PIPE		1 OF 5
		3 PLACES ± ---	± ---		BRUSSELL	2004/10/09					
		2 PLACES ± 0.13	± ---		BRUSSELL	2004/10/09					
		1 PLACE ± 0.25	± ---		BRUSSELL	2004/10/09					
		0 PLACE ±	±								
		ANGULAR ± 1 °		SEE P/N TABLE		SD-74728-415					
		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 BELLY TO BELLY MOUNTING

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

HOST CONNECTOR DETAIL

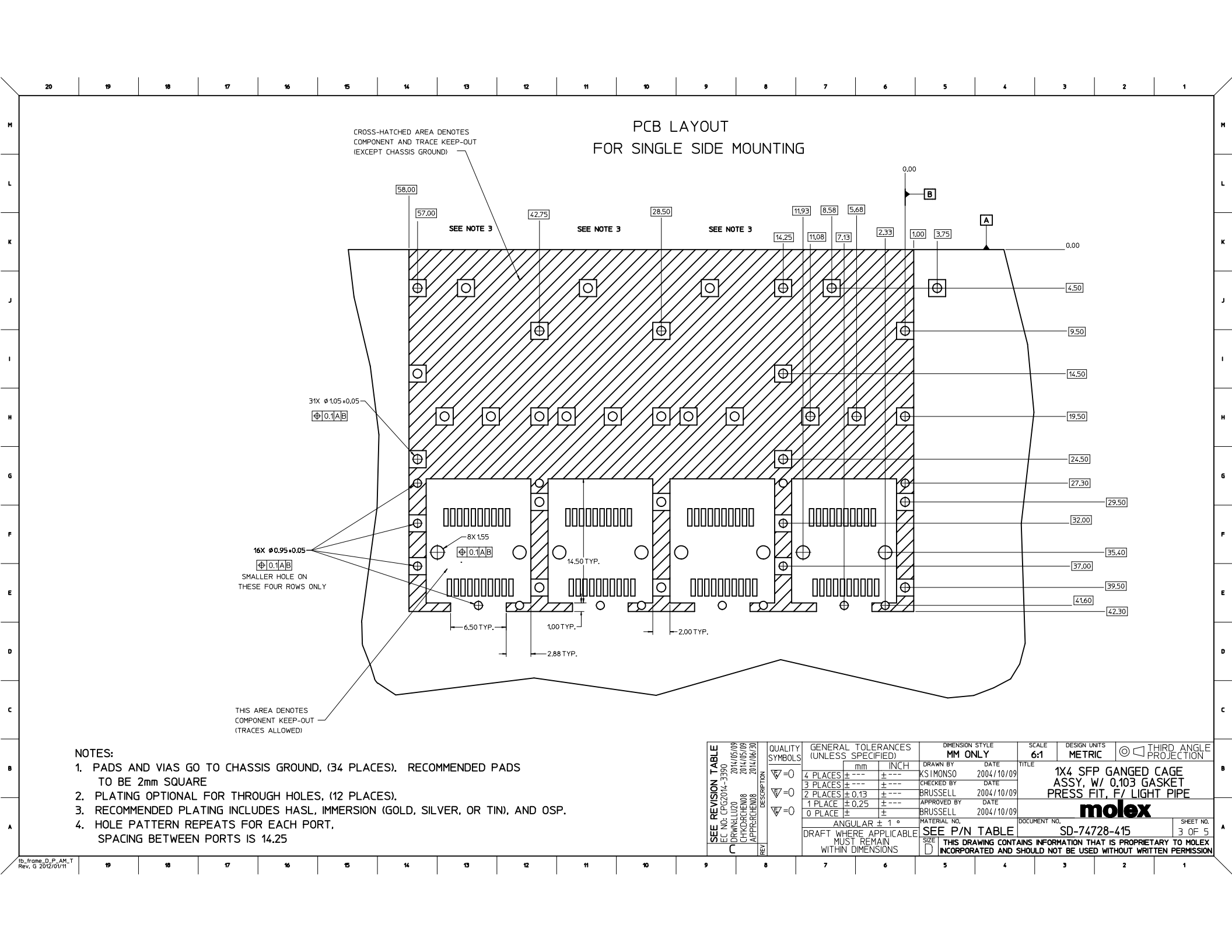


Detail1
SCALE 8:1

NOTES:

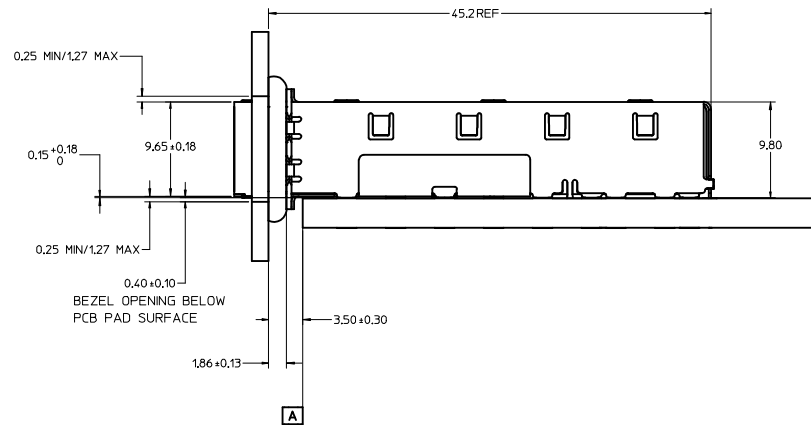
1. PADS AND VIAS GO TO CHASSIS GROUND, (64 PLACES). RECOMMENDED PADS TO BE 2mm SQUARE
2. PLATING OPTIONAL FOR THROUGH HOLES, (16 PLACES).
3. RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
4. HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 14.25

REVISION TABLE		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
REV	DESCRIPTION	SYMBOL	VALUE	MM	INCH	STYLE	DATE	SCALE	UNIT	UNIT	UNIT	UNIT	UNIT
1	DRWNL20 2014/05/09	$\nabla=0$	4 PLACES $\pm$ ---	$\pm$ ---	$\pm$ ---	MM ONLY	2004/10/09	6:1	METRIC	METRIC	METRIC	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
2	CHKORCHEN08 2014/05/09	$\nabla=0$	3 PLACES $\pm$ ---	$\pm$ ---	$\pm$ ---	MM ONLY	2004/10/09	6:1	METRIC	METRIC	METRIC	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
3	APPRCHEN08 2014/06/30	$\nabla=0$	2 PLACES $\pm$ 0.13	$\pm$ ---	$\pm$ ---	MM ONLY	2004/10/09	6:1	METRIC	METRIC	METRIC	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
4		$\nabla=0$	1 PLACE $\pm$ 0.25	$\pm$ ---	$\pm$ ---	MM ONLY	2004/10/09	6:1	METRIC	METRIC	METRIC	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
5		$\nabla=0$	0 PLACE $\pm$ ---	$\pm$ ---	$\pm$ ---	MM ONLY	2004/10/09	6:1	METRIC	METRIC	METRIC	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION
SEE REVISION TABLE		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR $\pm$ 1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		SHEET NO.	
EC NO: CPG2014-3390		DRAWN BY: CHYORCHEN08		CHECKED BY: BRUSSELL		APPROVED BY: BRUSSELL		DATE: 2004/10/09		DATE: 2004/10/09		DATE: 2004/10/09	
TITLE		1X4 SFP GANGED CAGE ASSY, W/ 0.103 GASKET PRESS FIT, F/ LIGHT PIPE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		SHEET NO.		SHEET NO.	
SEE P/N TABLE		SD-74728-415		2 OF 5		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

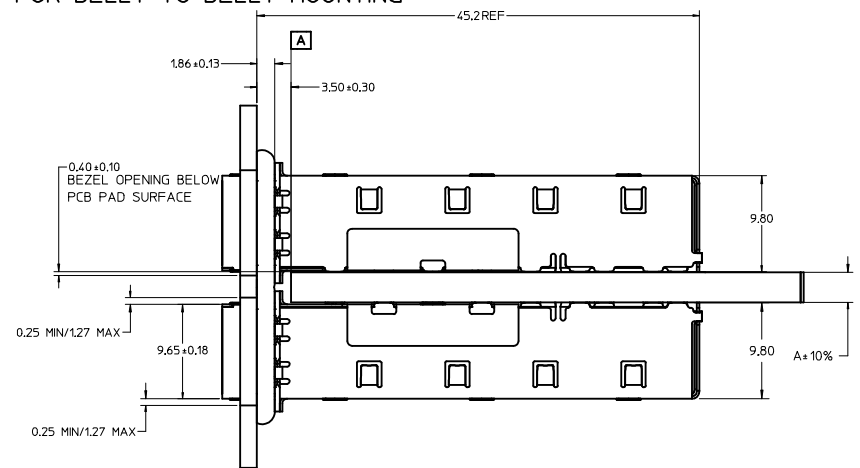
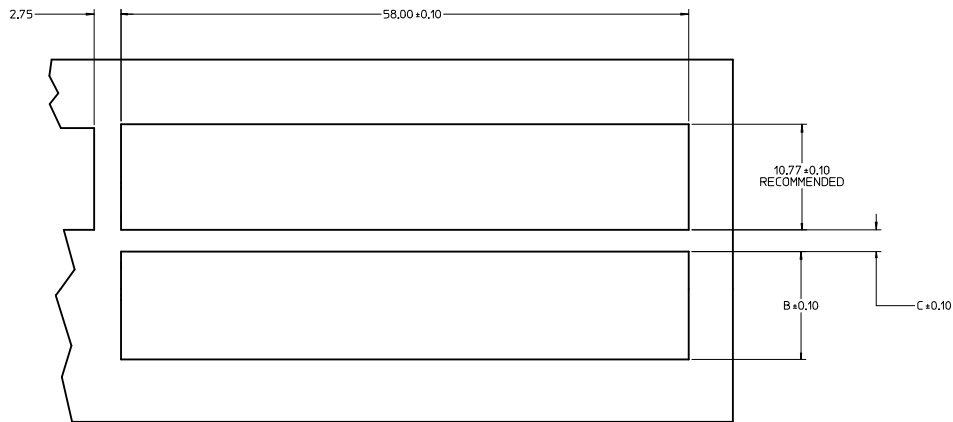




BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



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		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO:	CPG2014-3390	DATE	2014/05/09	mm	INCH	MM ONLY	DATE	4:1	METRIC				
DRWN/LU20	2014/05/09	CHYKORCHEN08	2014/05/09	4 PLACES ± ---	± ---	DRAWN BY	KS IMONSO	2004/10/09	DATE	1X4 SFP GANGED CAGE ASSY, W/ 0.103 GASKET PRESS FIT, F/ LIGHT PIPE			
APPR/CHEN08	2014/06/30	CHYKORCHEN08	2014/06/30	3 PLACES ± ---	± ---	CHECKED BY	BRUSSELL	2004/10/09	DATE				
				2 PLACES ± 0.13	± ---	APPROVED BY	BRUSSELL	2004/10/09	DATE	molex			
				1 PLACE ± 0.25	± ---								
				0 PLACE ±	±					SD-74728-415			
										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

[illegible]