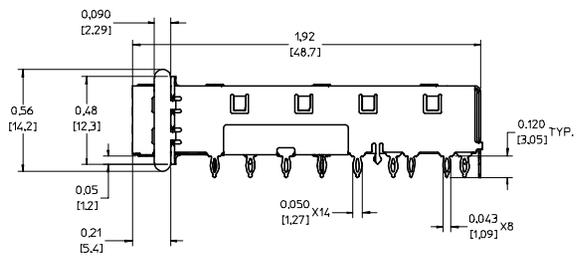
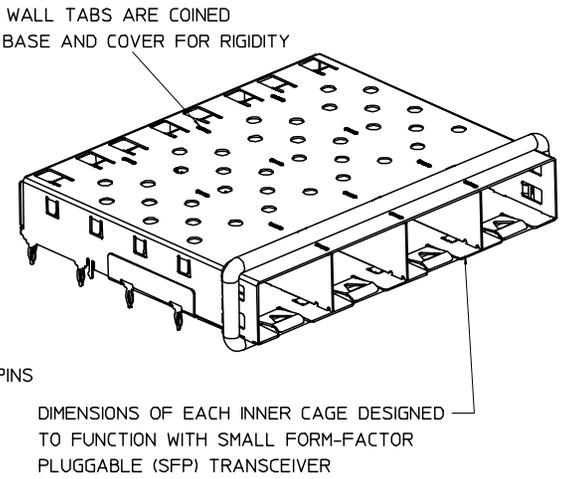
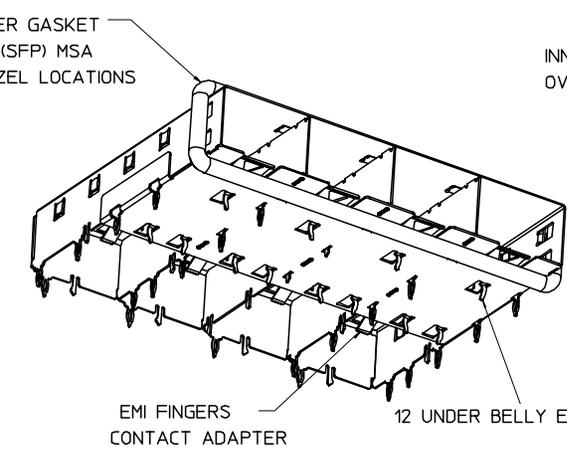
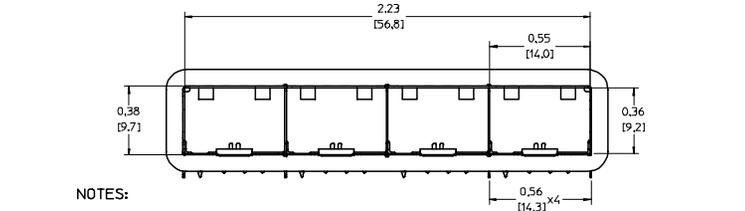
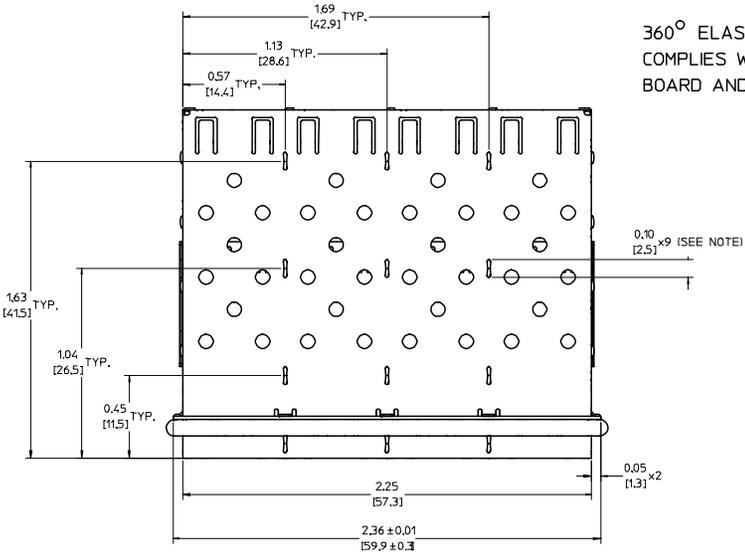


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- NOTES:
- PRESS FIT LEGS 0.120" LONG-
0.062 [1.57] MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
0.118 [3.00] MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
 - MATERIAL: COPPER ALLOY
PLATING: NONE
- NOTE: A PRE-PLATED NICKEL VERSION IS AVAILABLE.
REFER 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.
- THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC).

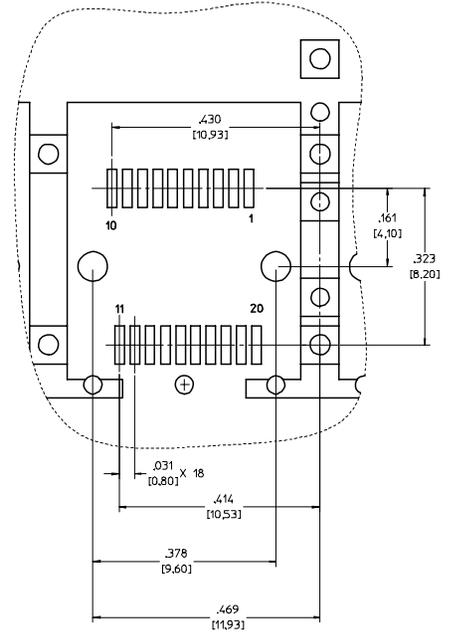
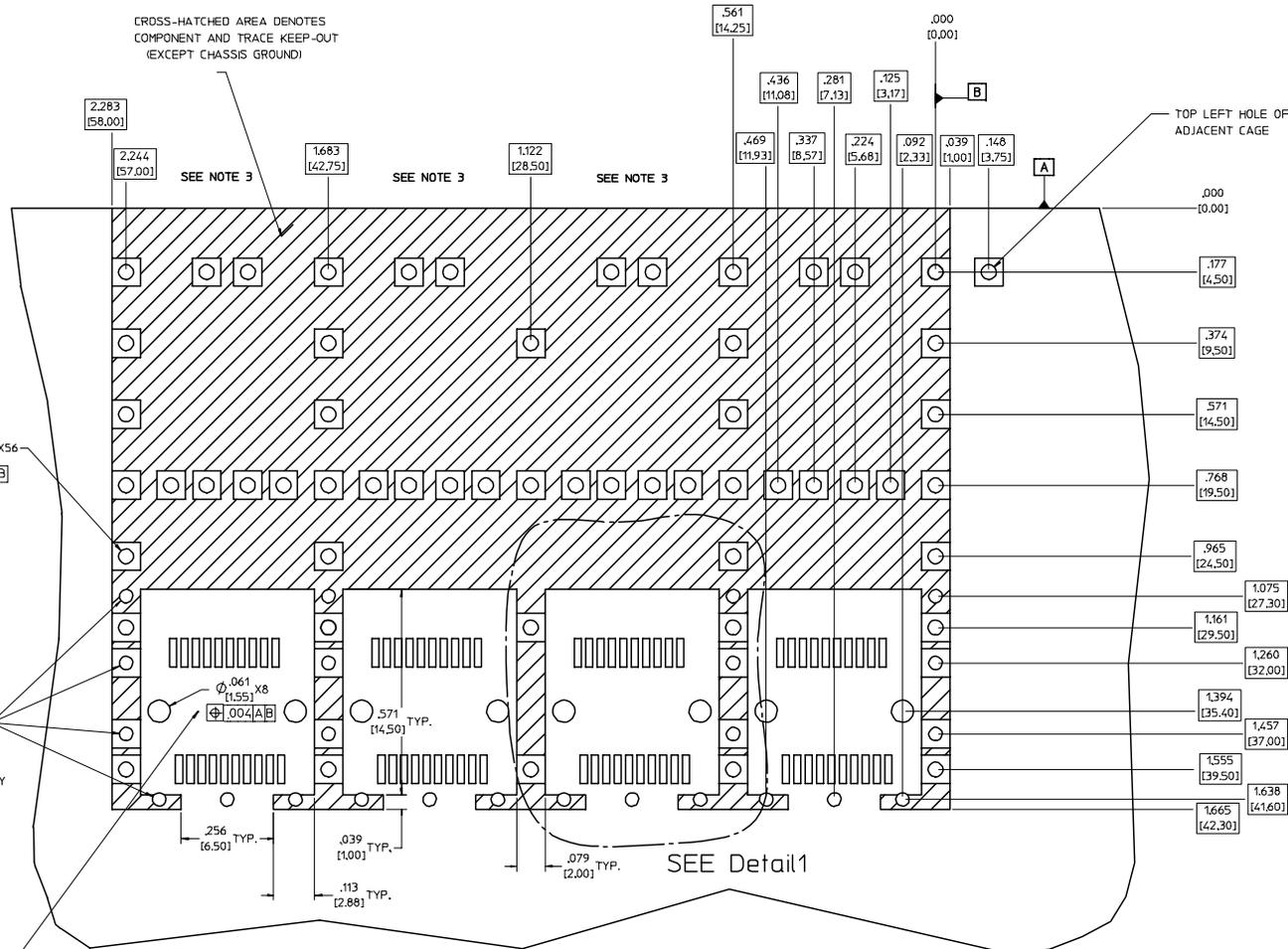
EC NO: USY2006-0225 DRW:KSIMONSO0601/24 CHKD:BRUSSELL200601/24 APPR:BRUSSELL200601/25	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	0.0 0.0	4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± ---	DIMENSION STYLE IN/MM DRAWN BY DATE KSIMONSO 2004/10/09 CHECKED BY DATE BRUSSELL 2004/10/09 APPROVED BY DATE BRUSSELL 2004/10/09	TITLE 1X4 SFP GANGED CAGE ASSY W/ 0.090 GASKET, PRESS FIT, F/ LIGHT PIPE MOLEX INCORPORATED		
		ANGULAR ± 1° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 747280411 DOCUMENT NO. SD-74728-411 SHEET NO. 1 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

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

$\varnothing .041 \pm .002$
 (1.05 ± 0.05)
[.004] [A] [B]

$\varnothing .037 \pm .002$
 (0.95 ± 0.05)
[.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. (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]

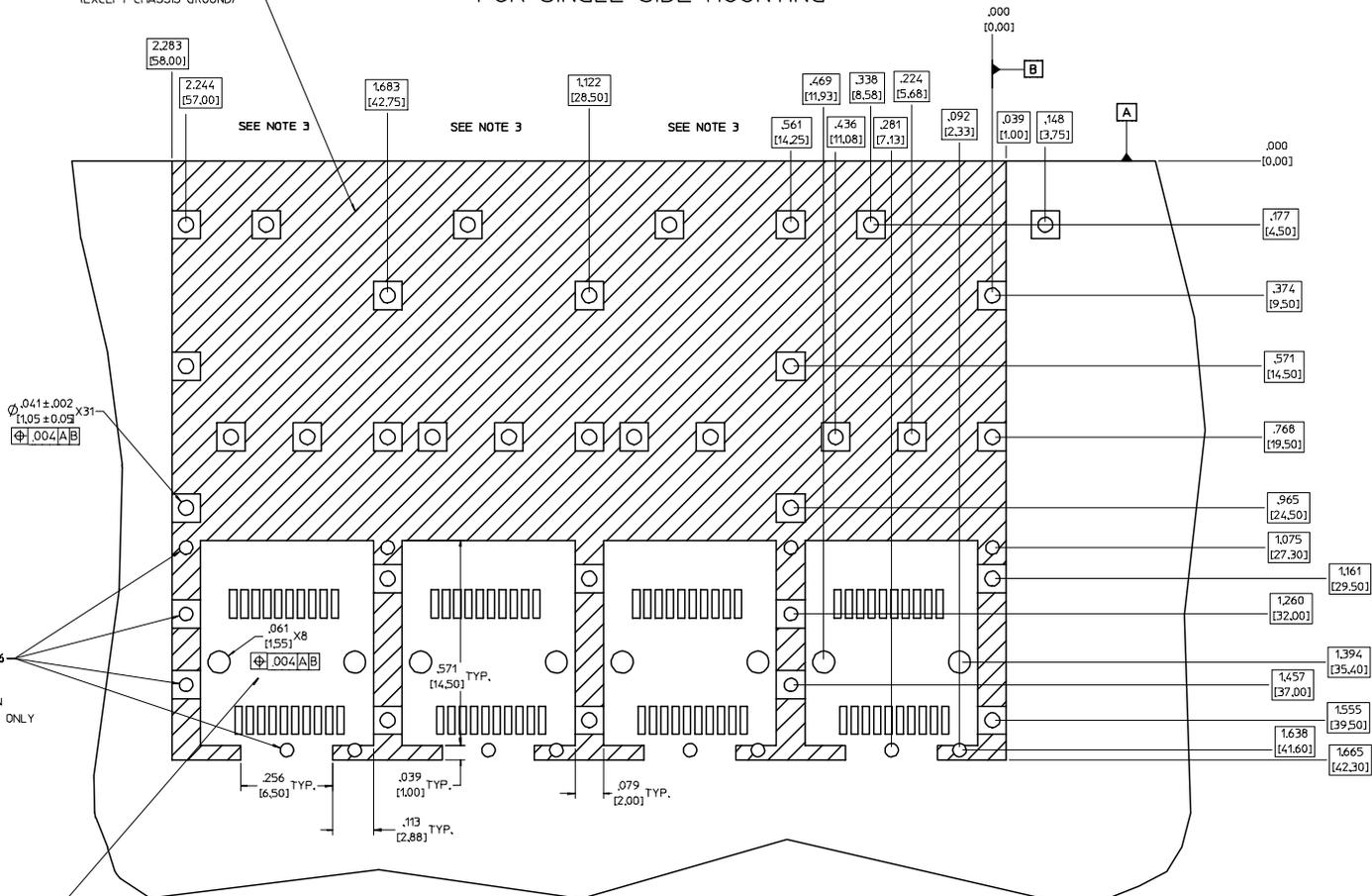
SEE Detail1

EC NO: USY2006-0225 DRW:KSIMONSO0601/24 CHK:D.BRUSSELL200601/24 APPR:R.BRUSSELL200601/25 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	$\nabla .0$ $\nabla \epsilon .0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1 °	DIMENSION STYLE IN/MM DRAWN BY K.SIMONSO DATE 2004/10/09 CHECKED BY DATE APPROVED BY R.BRUSSELL DATE 2004/10/09	TITLE 1X4 SFP GANGED CAGE ASSY W/ 0.090 GASKET, PRESS FIT, F/ LIGHT PIPE MOLEX INCORPORATED MATERIAL NO. 747280411 DOCUMENT NO. SD-74728-411 SHEET NO. 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		
			THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)			

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PCB LAYOUT FOR SINGLE SIDE MOUNTING

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



$\varnothing .041 \pm .002$
 $[1.05 \pm 0.05]$
 $\Phi .004 [A/B]$

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

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

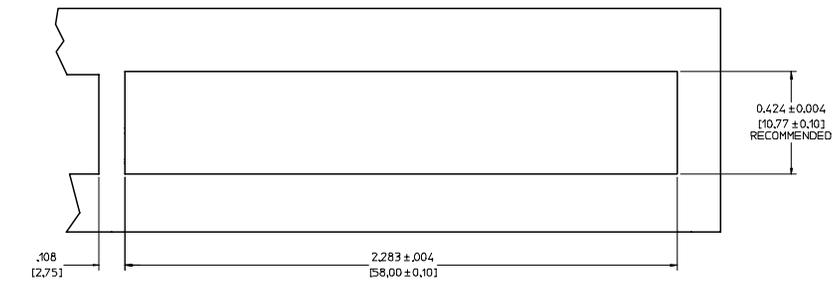
- NOTES:**
- PADS AND VIAS GO TO CHASSIS GROUND. (34 PLACES). RECOMMENDED PADS TO BE 2mm SQUARE
 - PLATING OPTIONAL FOR THROUGH HOLES. (12 PLACES).
 - RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
 - HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 5.61 [14.25]

EC NO: USY2006-0225 DRW:K.SIMONSON06/01/24 CHK:D.BRUSSELL2006/01/24 APPR:R.BRUSSELL2006/01/25	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	$\nabla .0$ $\nabla .0$	DIMENSION STYLE IN/MM DRAWN BY K.SIMONSON DATE 2004/10/09	TITLE 1X4 SFP GANGED CAGE ASSY W/ 0.090 GASKET, PRESS FIT, F/ LIGHT PIPE			
		MOLEX INCORPORATED MATERIAL NO. 747280411 DOCUMENT NO. SD-74728-411				
	DESCRIPTION	4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	DIMENSION STYLE IN/MM CHECKED BY R.BRUSSELL DATE 2004/10/09 APPROVED BY R.BRUSSELL DATE 2004/10/09	SHEET NO. 3 OF 5 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

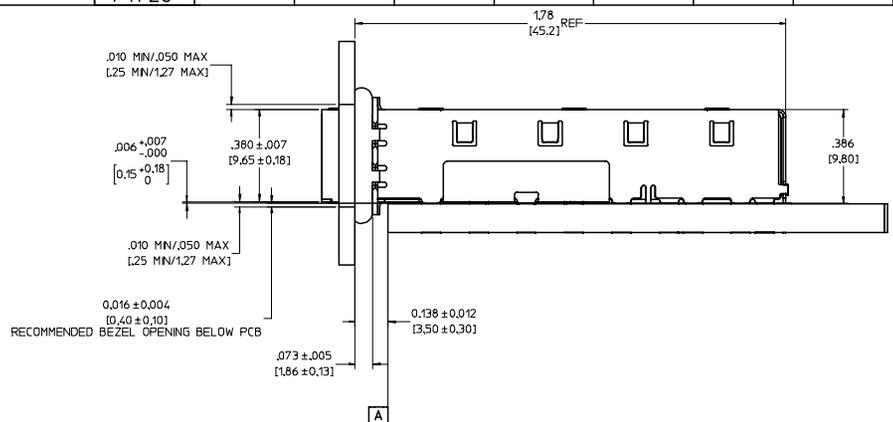
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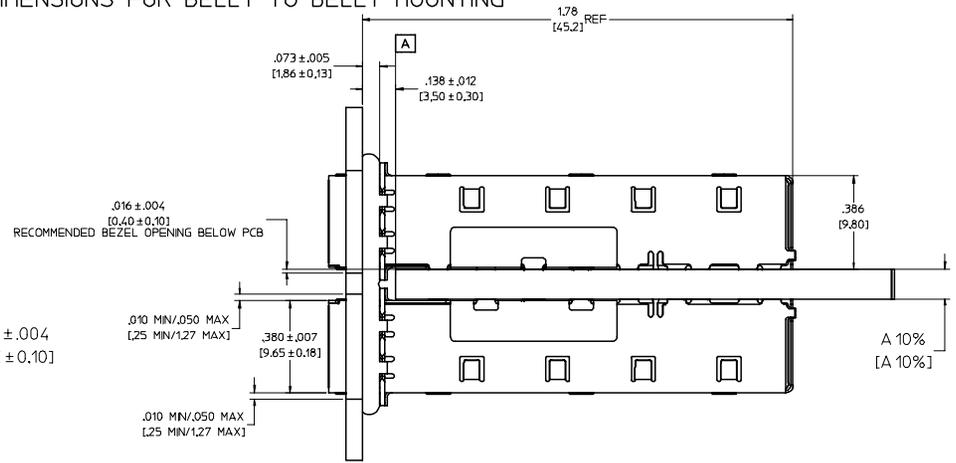
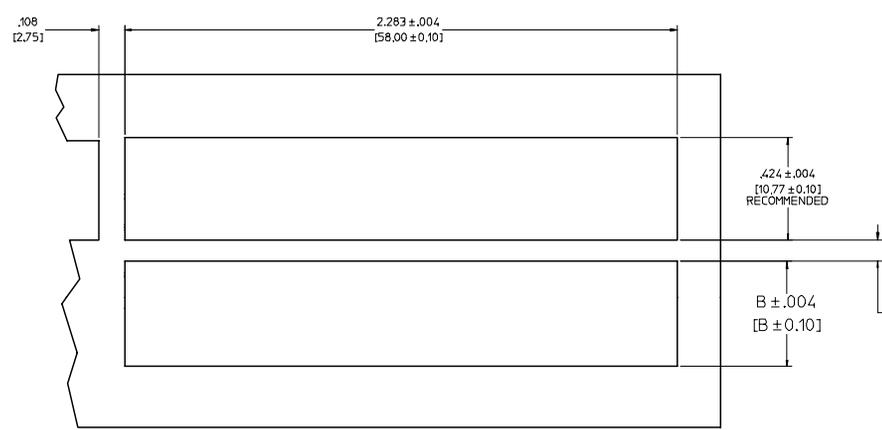
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BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



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 0.125" THE RECOMMENDED VALUES WOULD BE:

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

EC NO: USY2006-0225 DRW:KSIMONSO06/01/24 CHKD:BRUSSELL2006/01/24 APPR:BRUSSELL2006/01/25 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
	4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± ---	DIMENSION STYLE IN/MM DRAWN BY DATE KSIMONSO 2004/10/09 CHECKED BY DATE BRUSSELL 2004/10/09	TITLE	1X4 SFP GANGED CAGE ASSY W/ 0.090 GASKET, PRESS FIT, F/ LIGHT PIPE			
	ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE BRUSSELL 2004/10/09	MATERIAL NO. 747280411 DOCUMENT NO. SD-74728-411 SHEET NO. 4 OF 5	MOLEX INCORPORATED			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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DATE	REV	CHANGES	COMMENTS
10/09/2004	A	INITIAL RELEASE	N/A
01/20/2006	B	ADDED PDB AND BEZEL LAYOUTS. UPDATED NOTES.	DOCUMENT CHANGE ONLY

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EC NO: USY2006-0225 DRW:KSIMONSO06/01/24 CHK:D:BRUSSELL2006/01/24 APPR:BRUSSELL2006/01/25 REV B	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY																				
	▼ .0 ∇ .0	<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>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± 0.13	± .01	1 PLACE	± 0.25	± ---	<table border="1"> <thead> <tr> <th colspan="2">DIMENSION STYLE</th> </tr> <tr> <th>IN/MM</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>IN/MM</td> <td>2004/10/09</td> </tr> </tbody> </table>	DIMENSION STYLE		IN/MM	DATE	IN/MM	2004/10/09	TITLE 1X4 SFP GANGED CAGE ASSY W/ 0.090 GASKET, PRESS FIT, F/ LIGHT PIPE	
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																										

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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