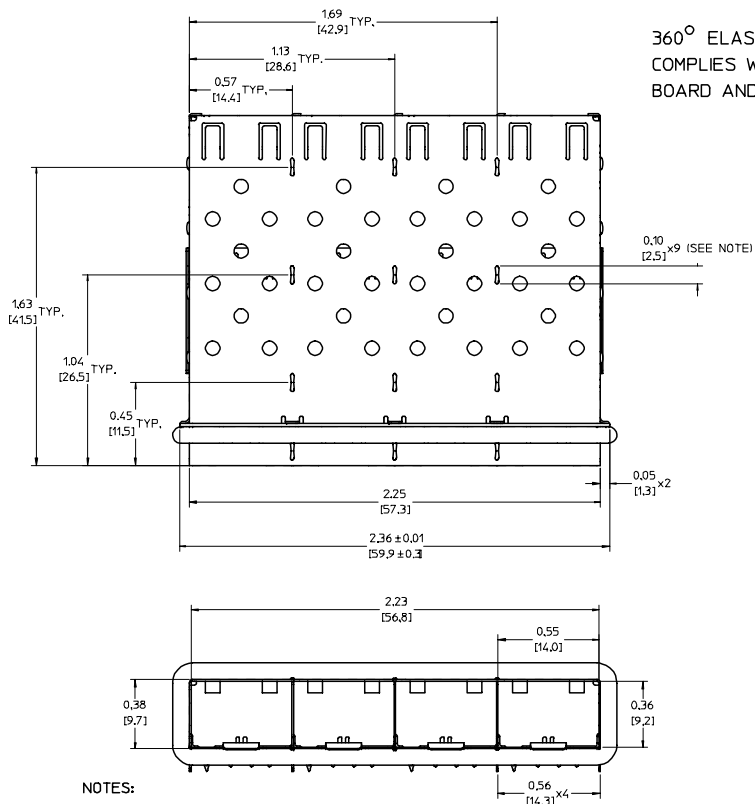
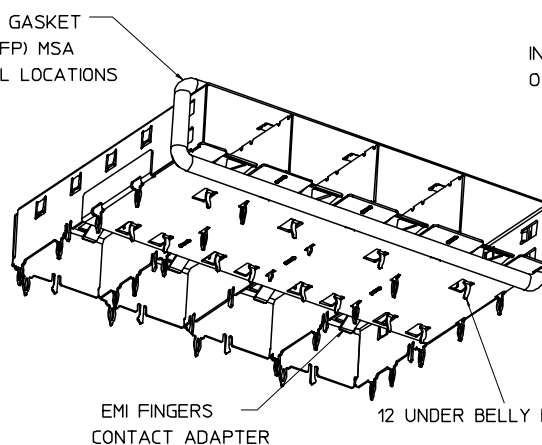


20 19 18 17 16 15 14 13 12 11 74728 9 8 7 6 5 4 3 2 1



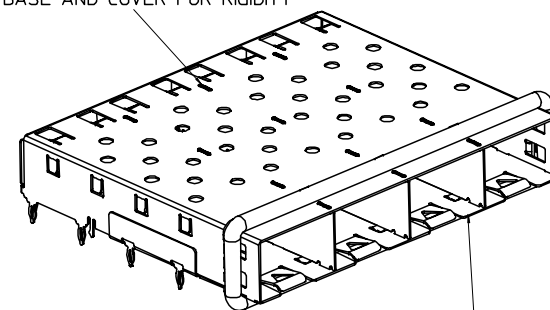
360° ELASTOMER GASKET
COMPLIES WITH (SFP) MSA
BOARD AND BEZEL LOCATIONS



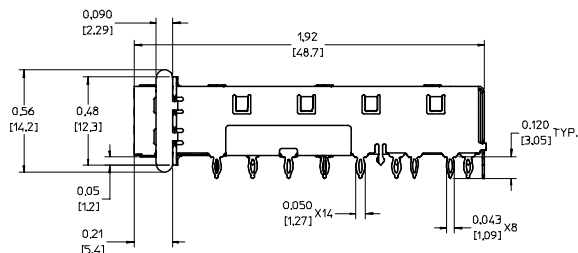
EMI FINGERS
CONTACT ADAPTER

12 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



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 PRE-PLATED NICKEL VERSION 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. MATES WITH SERIES 74728, LIGHT PIPE COVER ASSEMBLY.

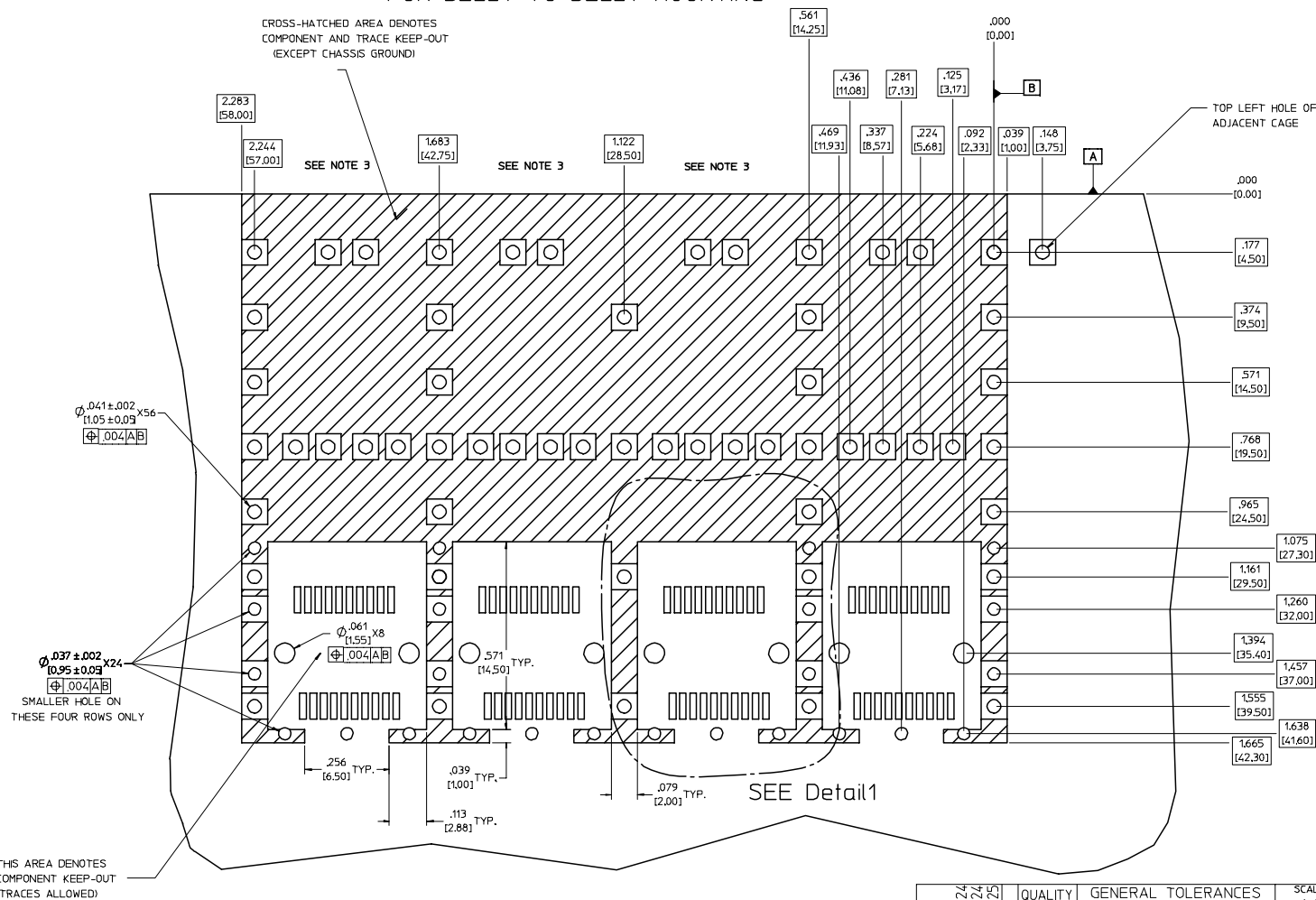
5. THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN
ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC).

EC NO: USY2006-0225 DRAWN: K SIMONSON 06/01/24 CHKD: BRUSSELL 2006/01/24 APPR: BRUSSELL 2006/01/25	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE	DESIGN UNITS		THIRD ANGLE	REVISE ON CAD ONLY	
			3:1	METRIC		PROJECTION		
			DIMENSION STYLE			TITLE		
			IN/MM			1X4 SFP GANGED CAGE ASSY W/ 0.090 GASKET, PRESS FIT, F/ LIGHT PIPE		
			DRAWN BY	DATE				
			KSIMONSON	2004/10/09				
			CHECKED BY	DATE				
			BRUSSELL	2004/10/09		MOLEX INCORPORATED		
			APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			BRUSSELL	2004/10/09	747280411	SD-74728-411	1 OF 5	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

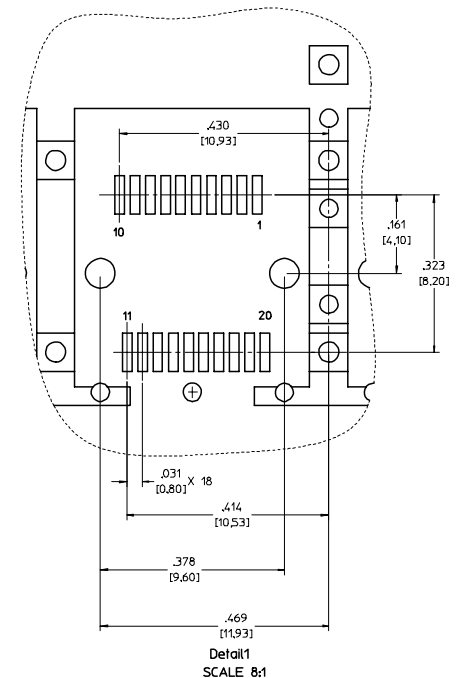
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

FOR BELLY TO BELLY MOUNTING

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

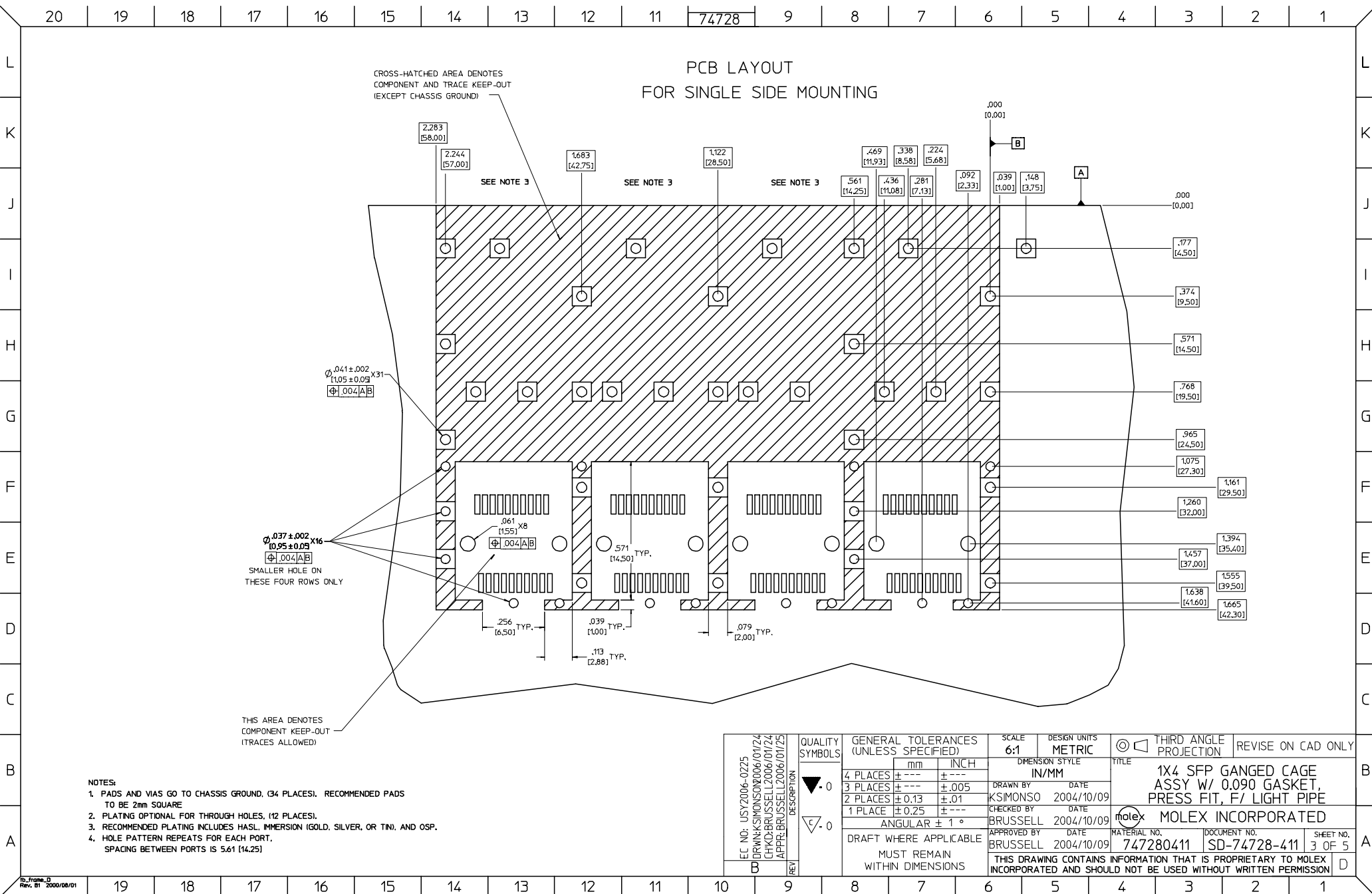


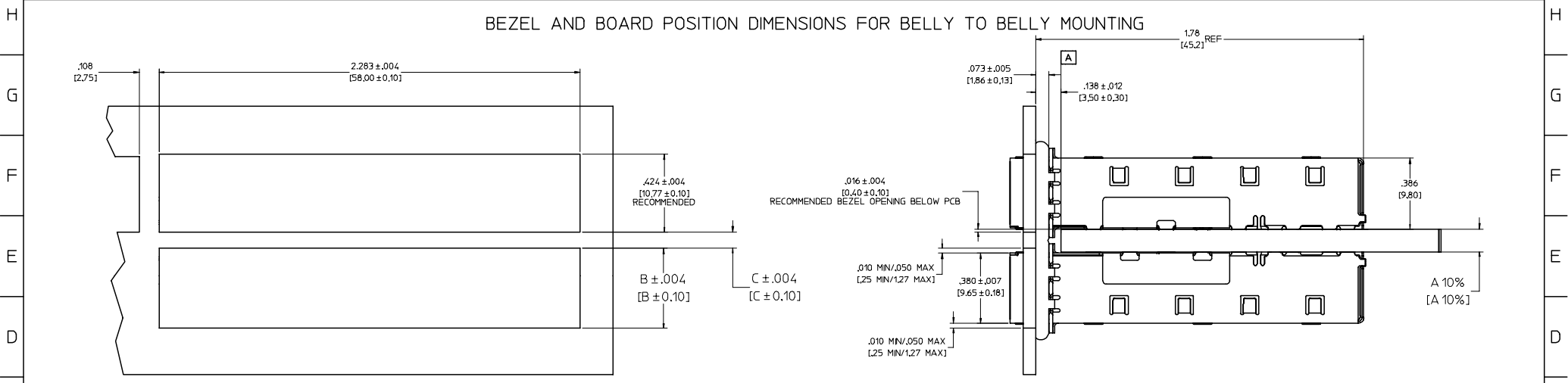
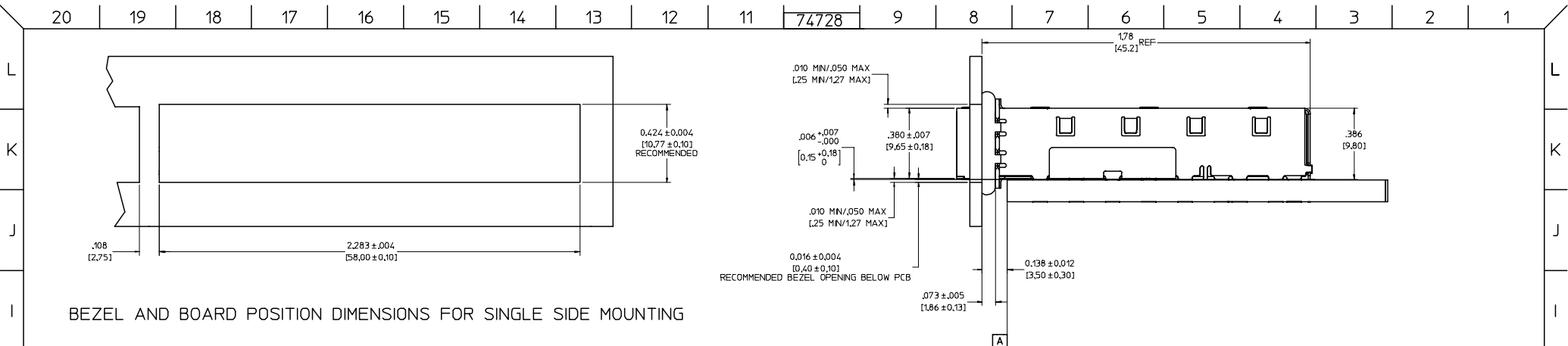
HOST CONNECTOR DETAIL



- 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]

EC NO: USY2006-0225		DWG: KSMONSON006/01/24 CHKD: BRUSSELL2006/01/24 APPR: BRUSSELL2006/01/25		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 6:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	B
								DIMENSION STYLE IN/MM		TITLE		1X4 SFP GANGED CAGE ASSY W/ 0.090 GASKET, PRESS FIT, F/ LIGHT PIPE	
D	REV		 - 0  - 0		mm		INCH		DRAWN BY		DATE		A
					4 PLACES ± --- ± ---		KSIMONSO		2004/10/09				
					3 PLACES ± --- ± .005								
					2 PLACES ± 0.13 ± .01								
					1 PLACE ± 0.25 ± ---		BRUSSELL		2004/10/09		MOLEX INCORPORATED		
					ANGULAR ± 1 °		APPROVED BY		DATE		MATERIAL NO. DOCUMENT NO. SHEET NO.		
					DRAFT WHERE APPLICABLE		BRUSSELL		2004/10/09		747280411 SD-74728-411 2 OF 5		
					MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						D





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:K.SIMONSON06/01/24 CHKD:BRUSSELL2006/01/24 APPR:BRUSSELL2006/01/25	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 4:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY							
B	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		TITLE	1X4 SFP GANGED CAGE ASSY W/ 0.090 GASKET, PRESS FIT, F/ LIGHT PIPE MOLEX INCORPORATED				B				
			IN/MM											
			DRAWN BY DATE											
			K.SIMONSON 2004/10/09											
			CHECKED BY DATE											
			BRUSSELL 2004/10/09											
			APPROVED BY DATE											
			BRUSSELL 2004/10/09											
			MATERIAL NO.								DOCUMENT NO.		SHEET NO.	
			747280411								SD-74728-411		4 OF 5	
A	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)	DRAFT WHERE APPLICABLE						D					
			MUST REMAIN											
			WITHIN DIMENSIONS											
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

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L
K
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F
E
D
C
B
A

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

EC NO: USY2006-0225
DRWN:K.SIMONSON06/01/24
CHKD:BRUSSELL2006/01/24
APPR:BRUSSELL2006/01/25

B

REV

QUALITY SYMBOLS

▽.0

▽.0

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±.---	±.---
3 PLACES	±.---	±.005
2 PLACES	±.013	±.01
1 PLACE	±.025	±.---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SCALE 1:1

DESIGN UNITS
METRIC

DIMENSION STYLE
IN/MM

DRAWN BY DATE
K.SIMONSON 2004/10/09

CHECKED BY DATE
BRUSSELL 2004/10/09

APPROVED BY DATE
BRUSSELL 2004/10/09

THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

TITLE
1X4 SFP GANGED CAGE
ASSY W/ 0.090 GASKET,
PRESS FIT, F/ LIGHT PIPE

MOLEX

MOLEX INCORPORATED

MATERIAL NO.
747280411

DOCUMENT NO.
SD-74728-411

SHEET NO.
5 OF 5

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Rev. B 2000/08/01

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