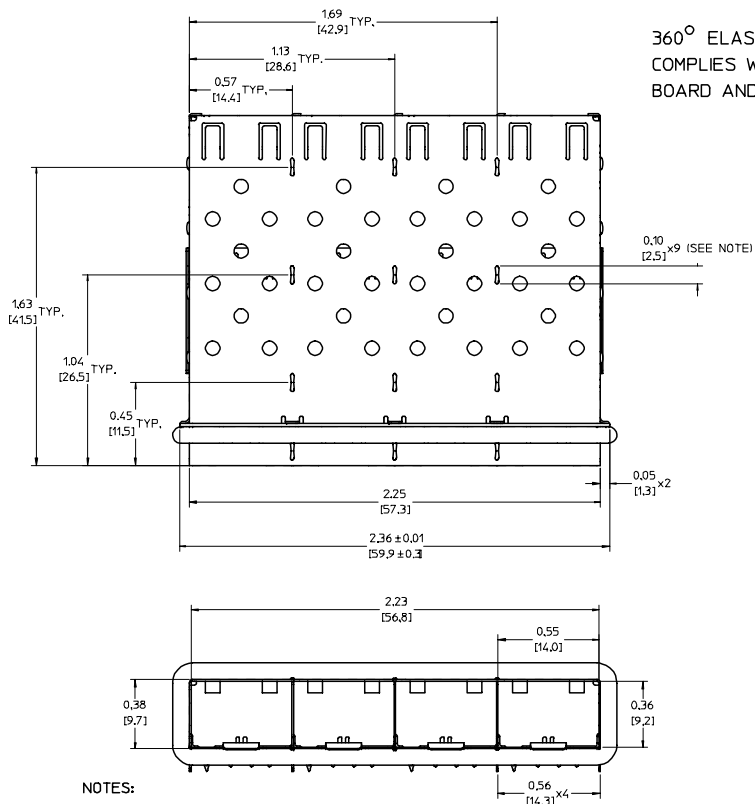
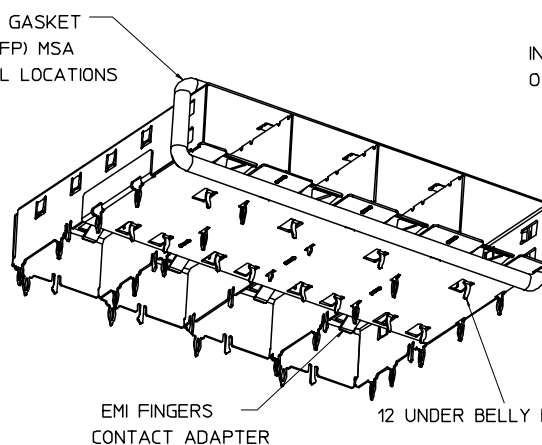


20 19 18 17 16 15 14 13 12 11 74728 9 8 7 6 5 4 3 2 1



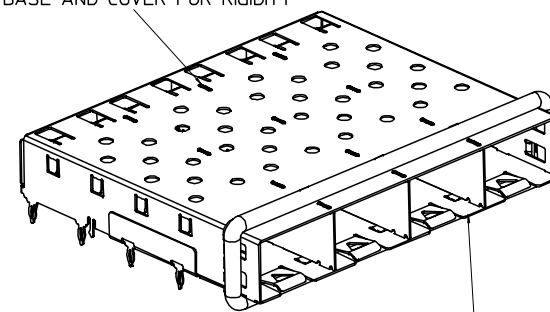
360° ELASTOMER GASKET
COMPLIES WITH (SFP) MSA
BOARD AND BEZEL LOCATIONS



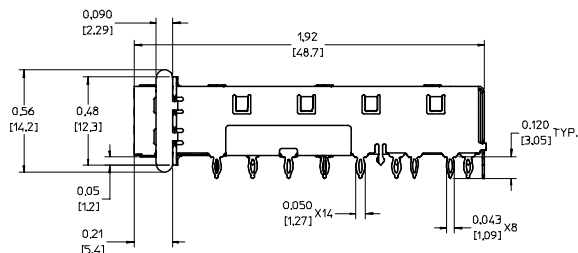
EMI FINGERS
CONTACT ADAPTER

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

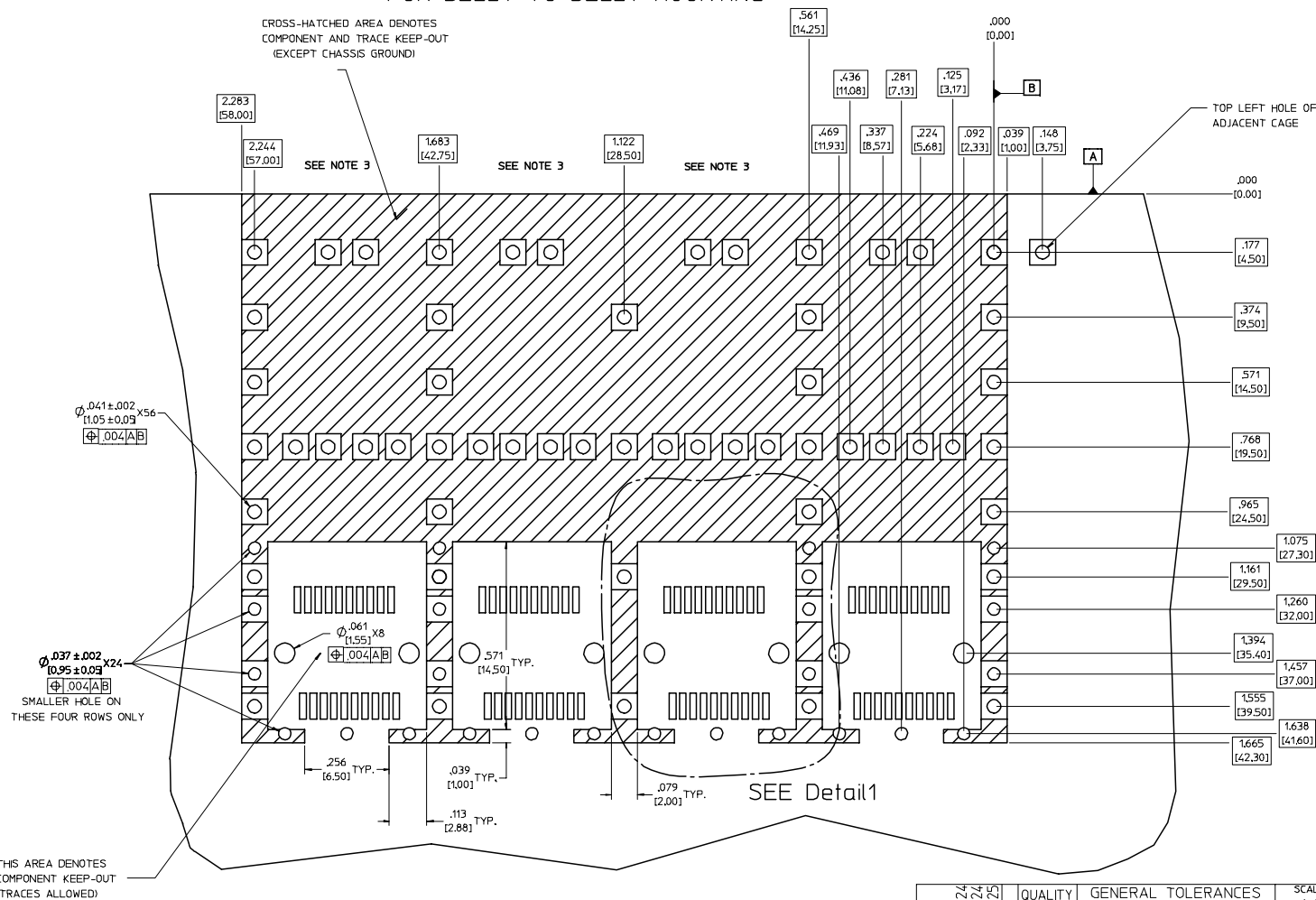
4. MATES WITH SERIES 74728, LIGHT PIPE COVER ASSEMBLY.

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

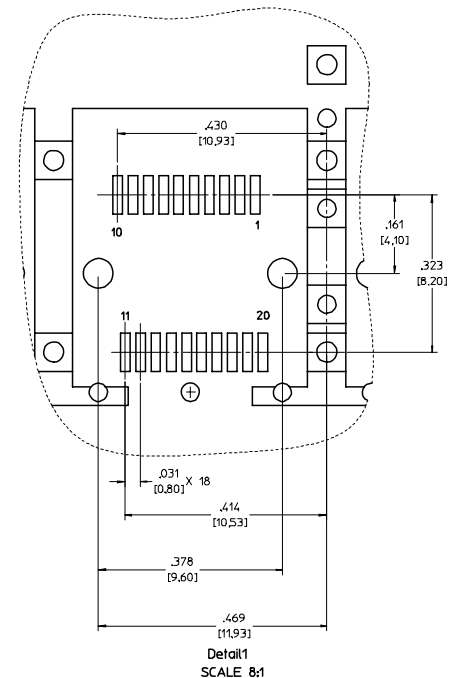
QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
4 PLACES ± --- ± ---	mm	INCH	DIMENSION STYLE IN/MM	DRAWN BY DATE	TITLE
3 PLACES ± --- ± .005	mm				
2 PLACES ± 0.13 ± .01	mm	INCH	DIMENSION STYLE IN/MM	CHECKED BY DATE	MATERIAL NO. DOCUMENT NO. SHEET NO.
1 PLACE ± 0.25 ± ---	mm				
ANGULAR ± 1 °	mm	INCH	DIMENSION STYLE IN/MM	APPROVED BY DATE	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	mm				

PCB LAYOUT FOR BELLY TO BELLY MOUNTING

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

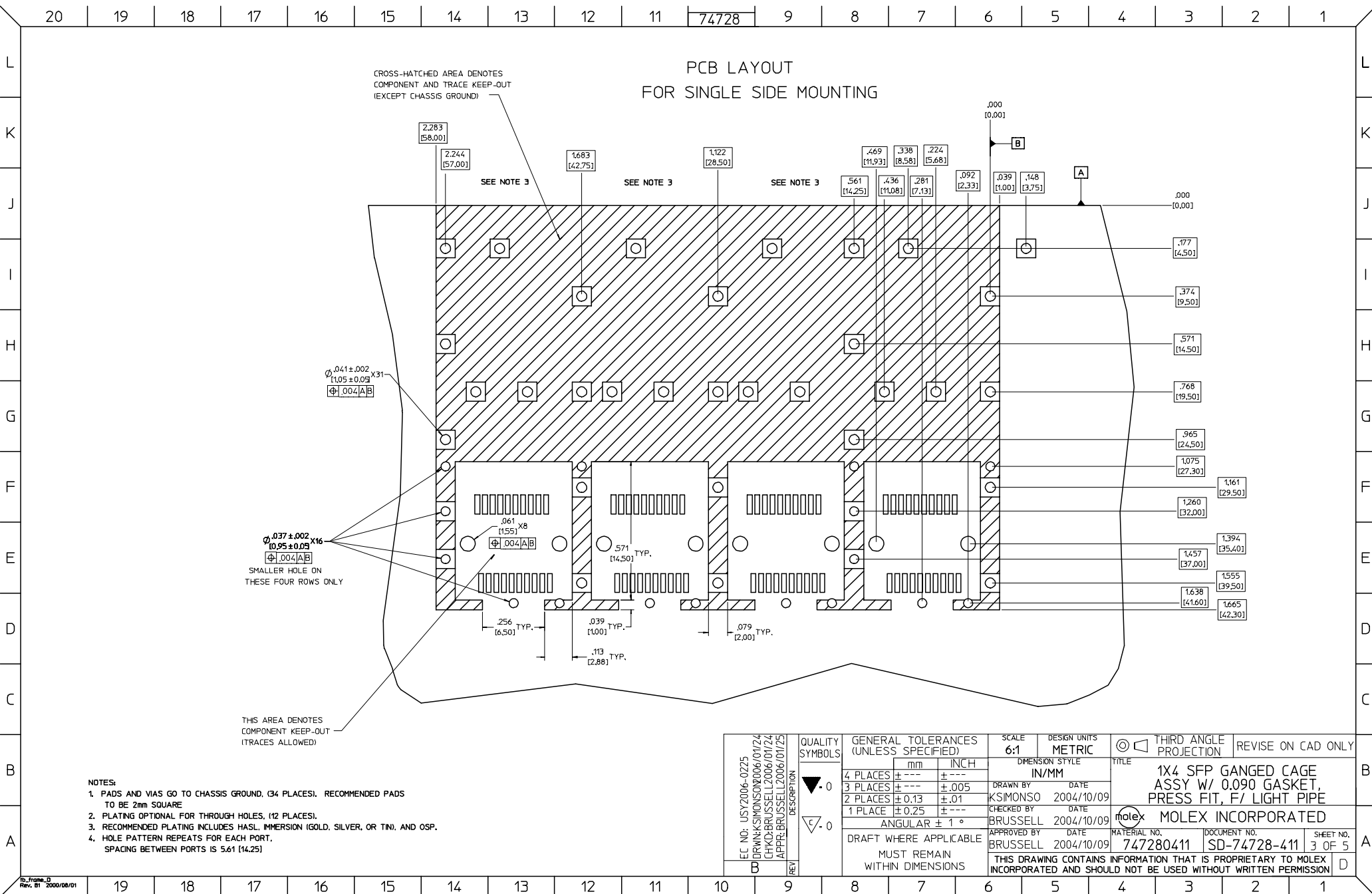


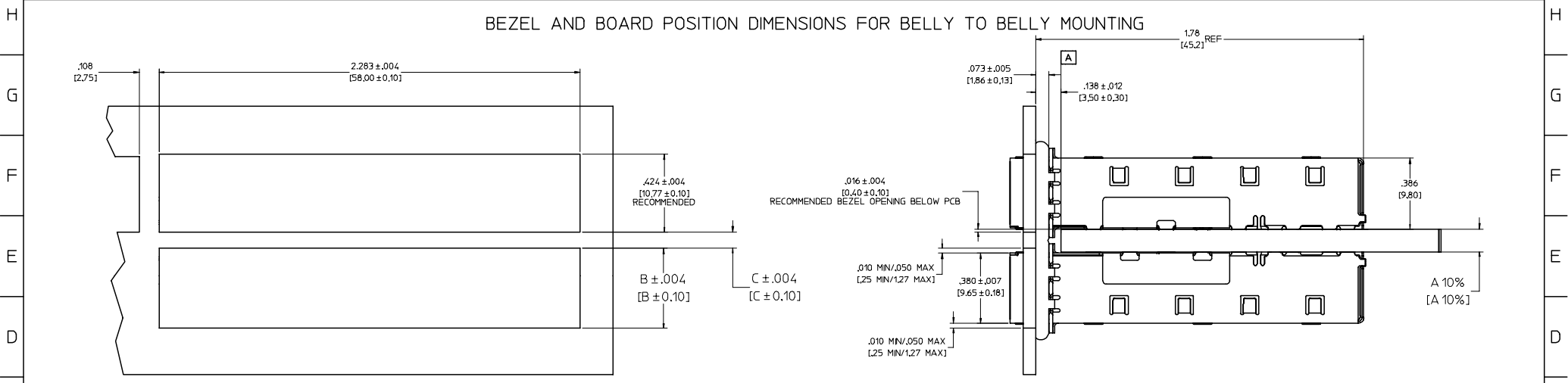
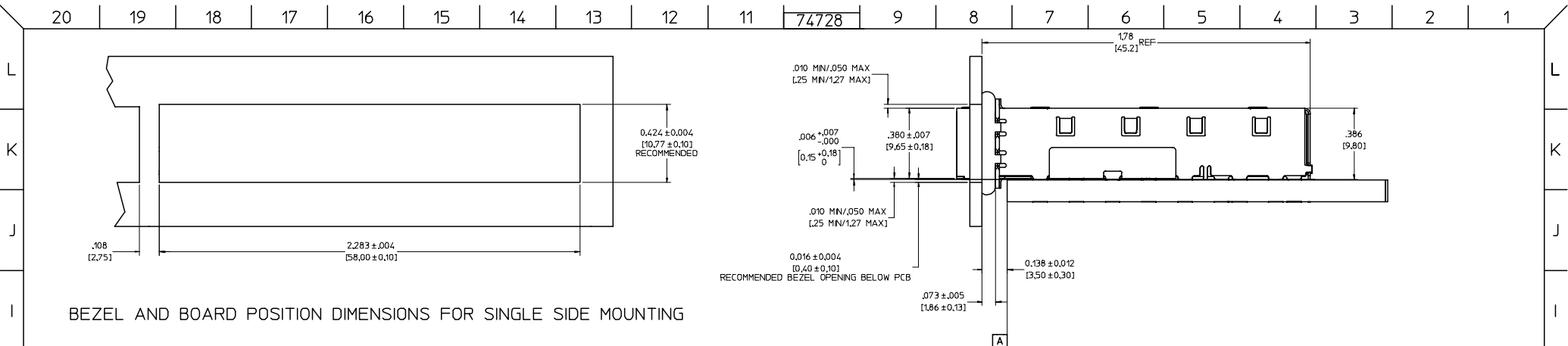
HOST CONNECTOR DETAIL



- 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: BRUSSELL006/01/24 APPR: BRUSSELL006/01/25		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		4 PLACES ± --- ± ---		DRAWN BY DATE KSMONSON 2004/10/09		 MOLEX INCORPORATED		MATERIAL NO. DOCUMENT NO. 747280411 SD-74728-411		SHEET NO. 2 OF 5	
					3 PLACES ± --- ± .005		CHECKED BY DATE BRUSSELL 2004/10/09							
					2 PLACES ± 0.13 ± .01		APPROVED BY DATE BRUSSELL 2004/10/09		DRAFT WHERE APPLICABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			D
					1 PLACE ± 0.25 ± ---				MUST REMAIN WITHIN DIMENSIONS					





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 ▽ 0 ▽ 0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE 4:1 DESIGN UNITS METRIC DIMENSION STYLE IN/MM DRAWN BY K.SIMONSON DATE 2004/10/09 CHECKED BY BRUSSELL DATE 2004/10/09 APPROVED BY BRUSSELL DATE 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 INCORPORATED	MATERIAL NO. 747280411 DOCUMENT NO. SD-74728-411 SHEET NO. 4 OF 5

2019181716151413121174728987654321

L
K
J
I
H
G
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

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

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

THIRD ANGLE PROJECTION

REVISE ON CAD ONLY

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

19181716151413121110987654321

A