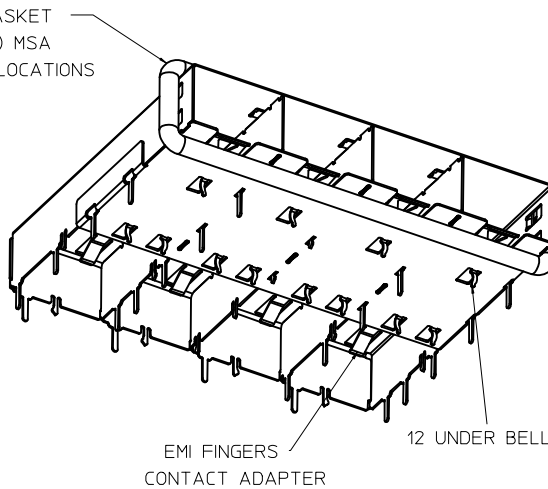
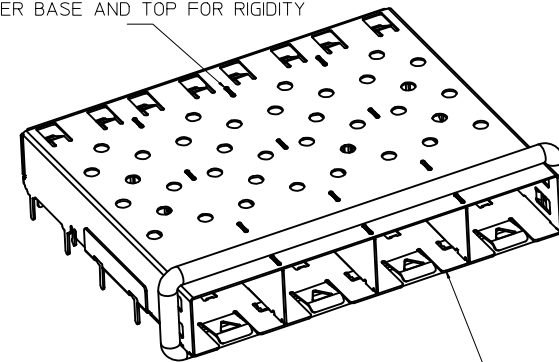


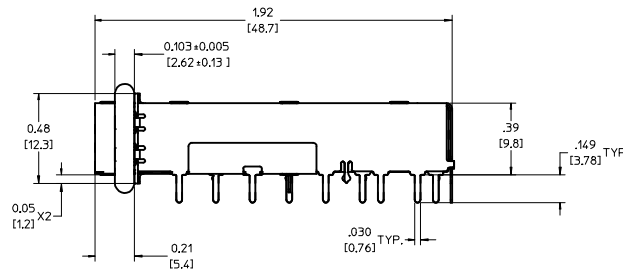
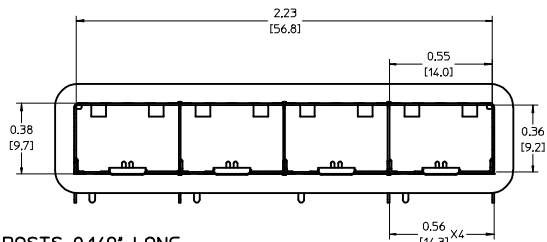
360° ELASTOMER GASKET
 COMPLIES WITH (SFP) MSA
 BOARD AND BEZEL LOCATIONS



INNER WALL TABS ARE COINED
 OVER BASE AND TOP FOR RIGIDITY



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



NOTES:

1. SOLDER POSTS 0.149" LONG.

2. MATERIAL: COPPER ALLOY
 PLATING: NONE

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

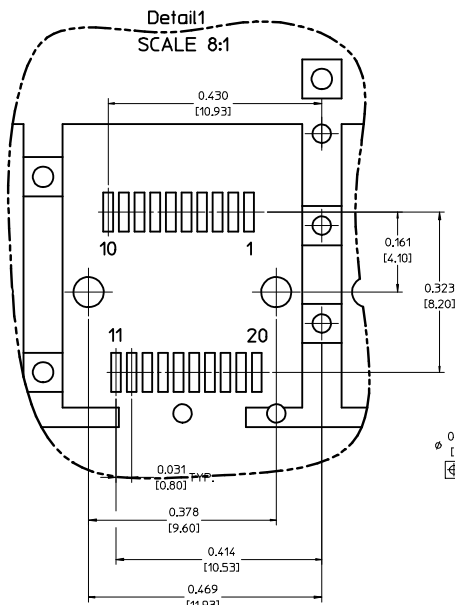
3. REFERENCE DOCUMENTS:

PRODUCT SPECIFICATION: PS-74728-000
 COSMETIC SPECIFICATIONS: WI-HP-7-2774 AND WI-HPA-7-0093

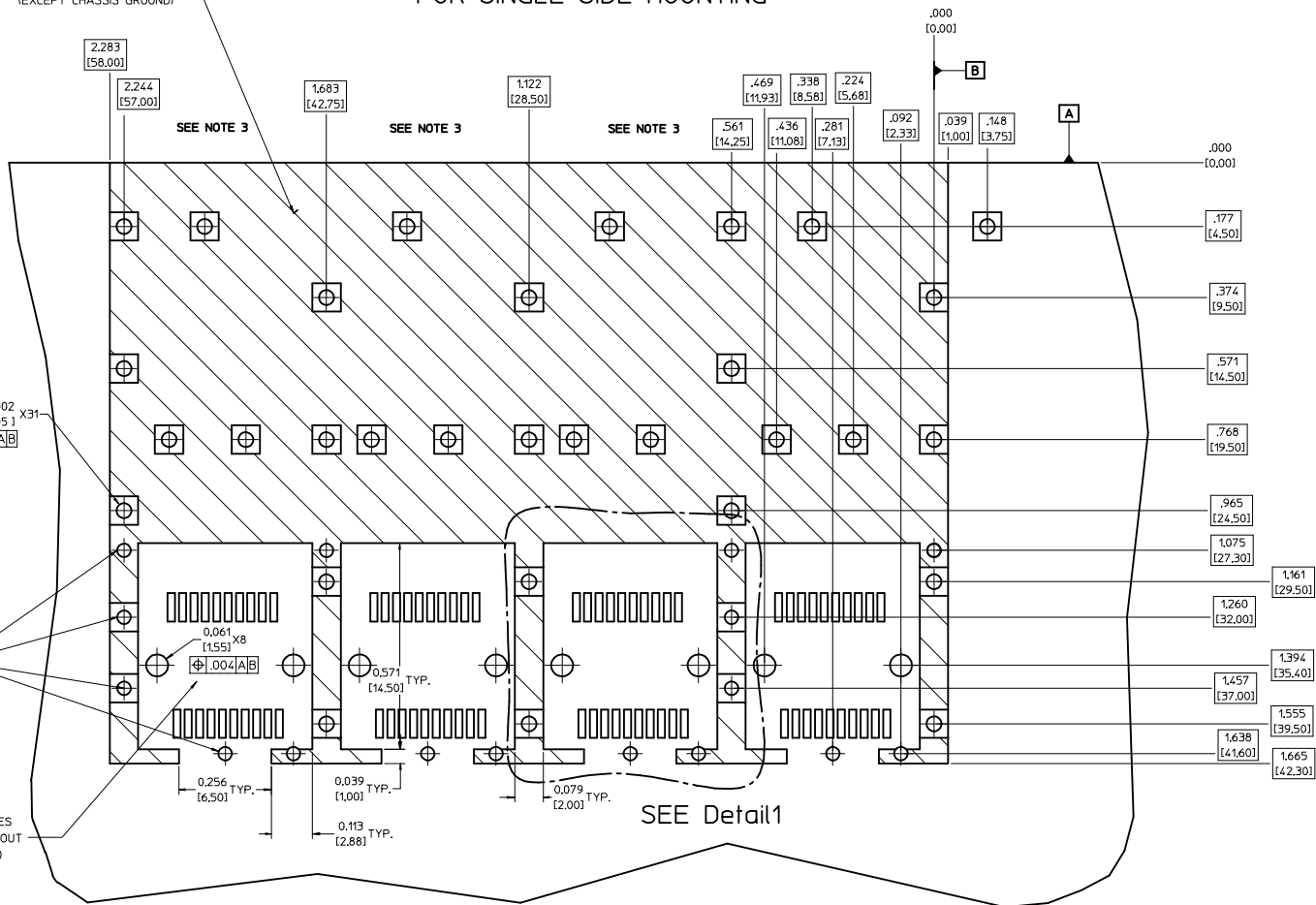
4. THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN
 ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC).

ENTER DESCRIPTION IEC NO.: USY2006-0079 DRAWN BY: KSI MONSON 2006/01/17 CHECKED BY: CHKO BRUSSELL 2006/01/20 APPROVED BY: APPR BRUSSELL 2006/01/25	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm ±--- INCH ±--- 4 PLACES ±--- ±--- 3 PLACES ±--- ±.005 2 PLACES ±0.13 ±.01 1 PLACE ±0.25 ±--- ANGULAR ± 1°	IN/MM 3:1 METRIC	DRAWN BY: KSI MONSON DATE: 2003/11/01 CHECKED BY: BRUSSELL DATE: 2003/11/01 APPROVED BY: BRUSSELL DATE: 2003/11/01	TITLE: 1X4 SFP GANGED CAGE ASSEMBLY W/ ELASTOMER GASKET, SOLDER POST MOLEX INCORPORATED	MATERIAL NO.: 739270412 DOCUMENT NO.: SD-73927-412	SHEET NO.: 1 OF 4
	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 SINGLE SIDE MOUNTING



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



$\phi 0.041 \pm 0.002$
[1.05 ± 0.05] X31
 $\phi .004$ [A|B]

$\phi .037 \pm 0.002$
[0.95 ± 0.05] X16
 $\phi .004$ [A|B]
SMALLER HOLE ON
THESE FOUR ROWS ONLY

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

NOTES:

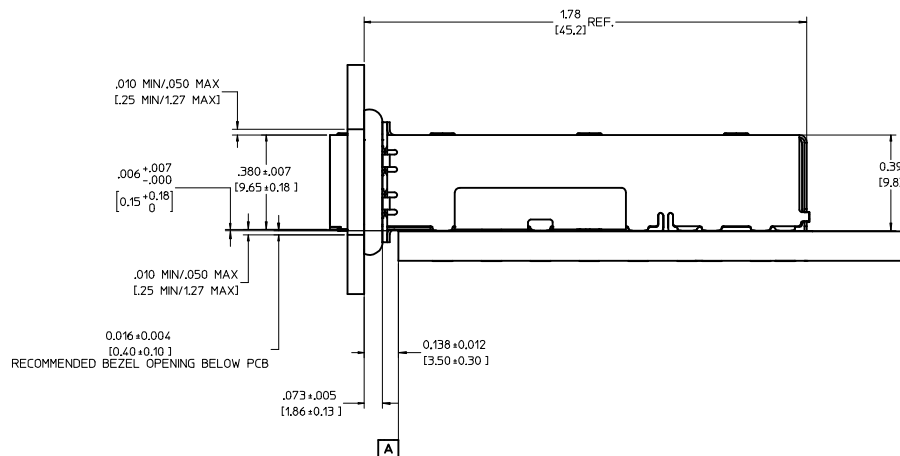
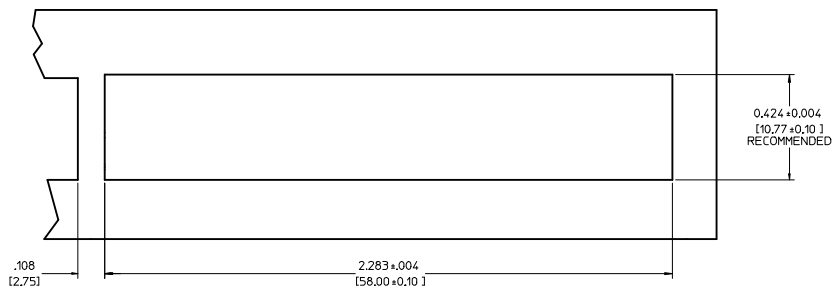
- PADS AND VIAS GO TO CHASSIS GROUND. (34 PLACES).
RECOMMENDED PADS TO BE 2mm SQUARE.
- PLATING OPTIONAL FOR THROUGH HOLES. (12 PLACES).
- RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
- HOLE PATTERN REPEATS FOR EACH PORT,
SPACING BETWEEN PORTS IS 14.25mm.
- CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX
CONNECTOR SERIES 74441 OR EQUIVALENT.

ENTER DESCRIPTION EC NO: US72006-0079 DRAWN BY: KSI MONSO CHYKORUSSELL APPROVED BY: BRUSSELL DATE: 2006/01/17 DATE: 2006/01/20 DATE: 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 ± .005 ± .005 3 PLACES ± .010 ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± .01		mm INCH		DRAWN BY: KSI MONSO DATE: 2003/11/01		CHECKED BY: BRUSSELL DATE: 2003/11/01		TITLE 1X4 SFP GANGED CAGE ASSEMBLY W/ ELASTOMER GASKET, SOLDER POST	
		ANGULAR ± 1°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY: BRUSSELL DATE: 2003/11/01		MATERIAL NO. 739270412		DOCUMENT NO. SD-73927-412	

MOLEX INCORPORATED

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 EC NO: USY2006-0079 DRAWN BY: DRANKS IMONSON 2006/01/17 CHECKED BY: CHYD BRUSSELL 2006/01/20 APPR: BRUSSELL 2006/01/25 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .01</td> <td>± .001</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>± .01</td> </tr> </tbody> </table> ANGULAR ± 1°		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .01	± .001	2 PLACES	± 0.13	± .01	1 PLACE	± 0.25	± .01	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
4 PLACES	± .005	± .0005																			
3 PLACES	± .01	± .001																			
2 PLACES	± 0.13	± .01																			
1 PLACE	± 0.25	± .01																			
DRAWN BY: KS IMONSON 2003/11/01 CHECKED BY: BRUSSELL 2003/11/01 APPROVED BY: BRUSSELL 2003/11/01	DATE: 2003/11/01 DATE: 2003/11/01 DATE: 2003/11/01	MATERIAL NO. 739270412	DOCUMENT NO. SD-73927-412	TITLE 1X4 SFP GANGED CAGE ASSEMBLY W/ ELASTOMER GASKET, SOLDER POST	MOLEX INCORPORATED	SHEET NO. 3 OF 4															

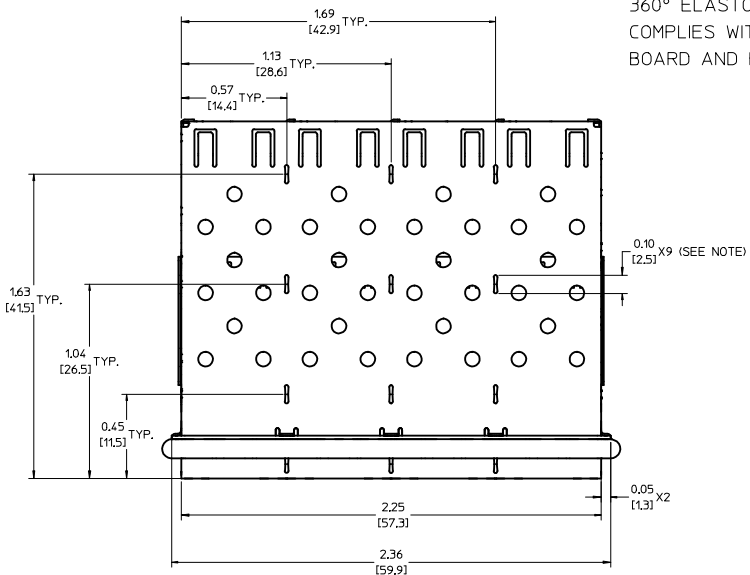
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20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

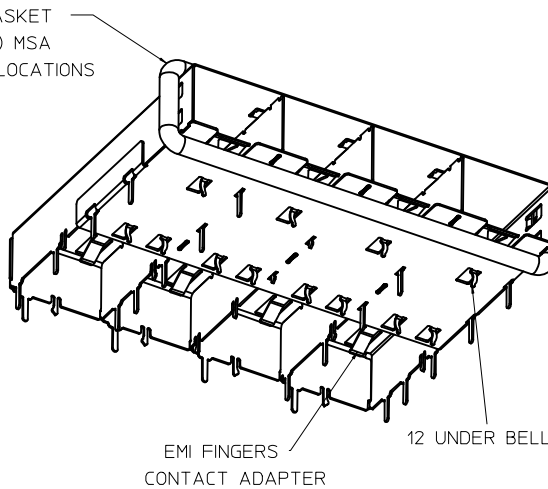
DATE	REV	CHANGES	COMMENTS
2003/11/11	1	PRELIMINARY DOCUMENT	N/A
2004/03/25	A	INITIAL RELEASE	N/A
2004/10/09	B	UPDATED VIEWS	DOCUMENT CHANGE ONLY
2005/10/07	C	ADDED PCB AND BEZEL DETAILS. UPDATED NOTES.	DOCUMENT CHANGE ONLY

ENTER DESCRIPTION IEC NO: USY2006-0079 DRAWN BY: KSI MONSON 2006/01/17 CHYKORUSSELL 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 ± .01 1 PLACE ± 0.25 ± ---	mm INCH	DRAWN BY KSI MONSON	DATE 2003/11/01	TITLE 1X4 SFP GANGED CAGE ASSEMBLY W/ ELASTOMER GASKET, SOLDER POST			
		ANGULAR ± 1 °		CHECKED BY BRUSSELL	DATE 2003/11/01	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY BRUSSELL	DATE 2003/11/01	MATERIAL NO. 739270412	DOCUMENT NO. SD-73927-412	SHEET NO. 4 OF 4	

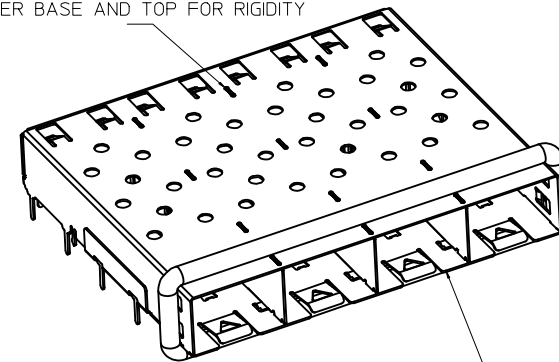
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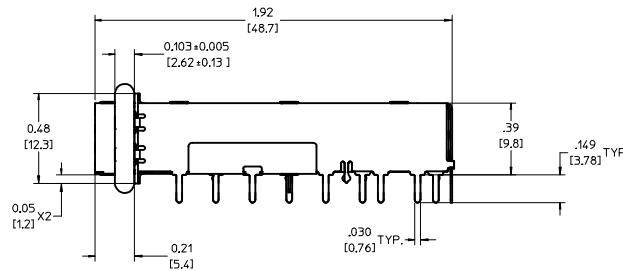
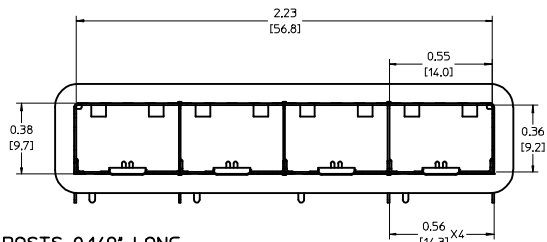
360° ELASTOMER GASKET
 COMPLIES WITH (SFP) MSA
 BOARD AND BEZEL LOCATIONS



INNER WALL TABS ARE COINED
 OVER BASE AND TOP FOR RIGIDITY



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



NOTES:

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2. MATERIAL: COPPER ALLOY
 PLATING: NONE

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

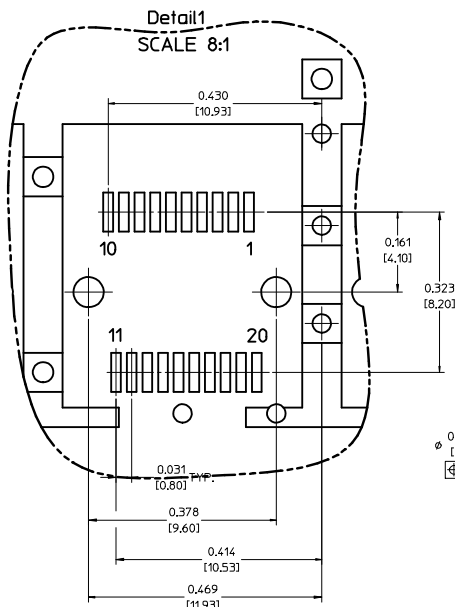
3. REFERENCE DOCUMENTS:

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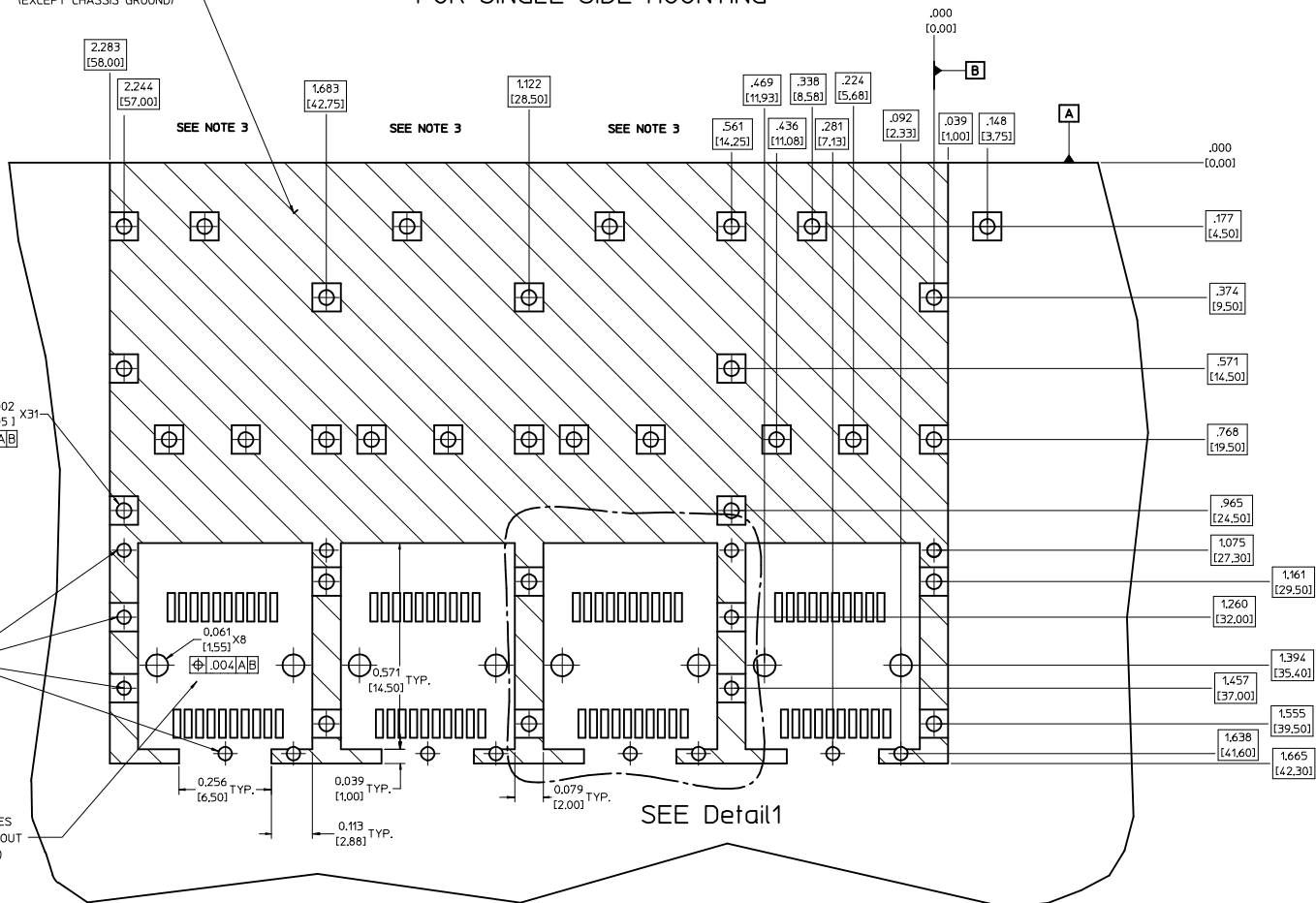
4. THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN
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ENTER DESCRIPTION EC NO: USY2006-0079 DRAWN BY: KSI MONSON CHKD BY: BRUSSELL APPR BY: BRUSSELL DATE: 2006/01/17 DATE: 2006/01/20 DATE: 2006/01/25	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm ±--- INCH ±--- 4 PLACES ±--- ±--- 3 PLACES ±--- ±.005 2 PLACES ±0.13 ±.01 1 PLACE ±0.25 ±--- ANGULAR ± 1°	IN/MM 3:1 METRIC	DRAWN BY: KSI MONSON DATE: 2003/11/01 CHECKED BY: BRUSSELL DATE: 2003/11/01 APPROVED BY: BRUSSELL DATE: 2003/11/01	TITLE: 1X4 SFP GANGED CAGE ASSEMBLY W/ ELASTOMER GASKET, SOLDER POST MOLEX INCORPORATED		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 739270412	DOCUMENT NO. SD-73927-412	SHEET NO. 1 OF 4			
	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

PCB LAYOUT FOR SINGLE SIDE MOUNTING



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



$\phi .041 \pm 0.002$
 $[1.05 \pm 0.051]$ X31
 $\phi .004 [A|B]$

$\phi .037 \pm 0.002$
 $[0.95 \pm 0.051]$ X16
 $\phi .004 [A|B]$
SMALLER HOLE ON
THESE FOUR ROWS ONLY

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

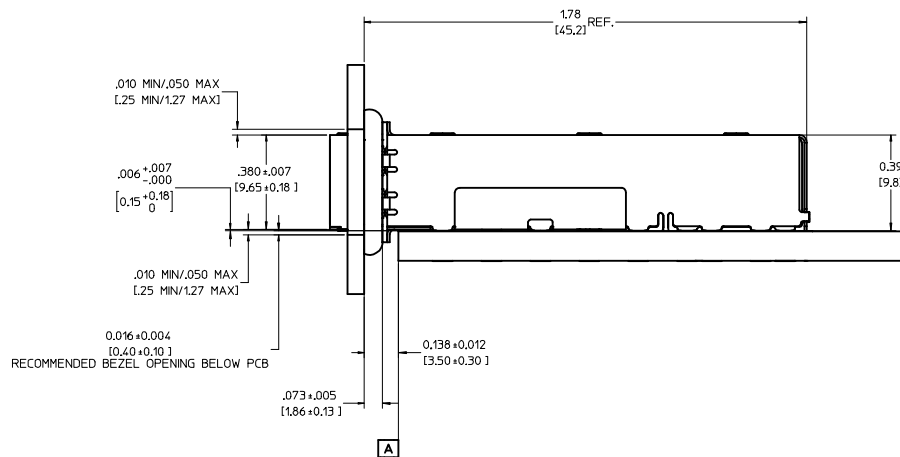
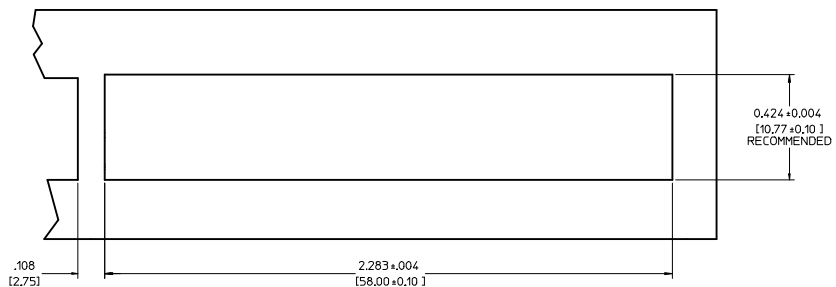
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RECOMMENDED PADS TO BE 2mm SQUARE.
- PLATING OPTIONAL FOR THROUGH HOLES. (12 PLACES).
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ENTER DESCRIPTION EC NO: US72006-0079 DRAWN BY: KSI MONSO CHYKORUSSELL APPROVED BY: BRUSSELL DATE: 2006/01/17 DATE: 2006/01/20 DATE: 2006/01/25	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.005 ±.002 3 PLACES ±.005 ±.005 2 PLACES ±.013 ±.01 1 PLACE ±.025 ±.01 ANGULAR ± 1°	DIMENSION STYLE IN/MM SCALE 6:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	DRAWN BY: KSI MONSO DATE: 2003/11/01 CHECKED BY: BRUSSELL DATE: 2003/11/01 APPROVED BY: BRUSSELL DATE: 2003/11/01	TITLE 1X4 SFP GANGED CAGE ASSEMBLY W/ ELASTOMER GASKET, SOLDER POST MOLEX INCORPORATED	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 739270412	DOCUMENT NO. SD-73927-412	SHEET NO. 2 OF 4	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	MOLEX INCORPORATED					

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



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		mm	INCH																		
4 PLACES	± .005	± .0005																			
3 PLACES	± .01	± .001																			
2 PLACES	± 0.13	± .01																			
1 PLACE	± 0.25	± .01																			
DRAWN BY: KS IMONSON 2003/11/01 CHECKED BY: BRUSSELL 2003/11/01 APPROVED BY: BRUSSELL 2003/11/01	DATE: 2003/11/01 DATE: 2003/11/01 DATE: 2003/11/01	MATERIAL NO. 739270412	DOCUMENT NO. SD-73927-412	TITLE 1X4 SFP GANGED CAGE ASSEMBLY W/ ELASTOMER GASKET, SOLDER POST	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
2003/11/11	1	PRELIMINARY DOCUMENT	N/A
2004/03/25	A	INITIAL RELEASE	N/A
2004/10/09	B	UPDATED VIEWS	DOCUMENT CHANGE ONLY
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ENTER DESCRIPTION IEC NO: USY2006-0079 DRAWN BY: KSI MONSON 2006/01/17 CHYKORUSSELL 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 ±.005 ±.005 3 PLACES ±.01 ±.01 2 PLACES ±0.13 ±.01 1 PLACE ±0.25 ±.01	mm INCH	DRAWN BY DATE KSI MONSON 2003/11/01	CHECKED BY DATE BRUSSELL 2003/11/01	TITLE 1X4 SFP GANGED CAGE ASSEMBLY W/ ELASTOMER GASKET, SOLDER POST			
		ANGULAR ± 1°		APPROVED BY DATE BRUSSELL 2003/11/01	MATERIAL NO. DOCUMENT NO. 739270412 SD-73927-412				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D	SHEET NO. 4 OF 4				

MOLEX MOLEX INCORPORATED

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