



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



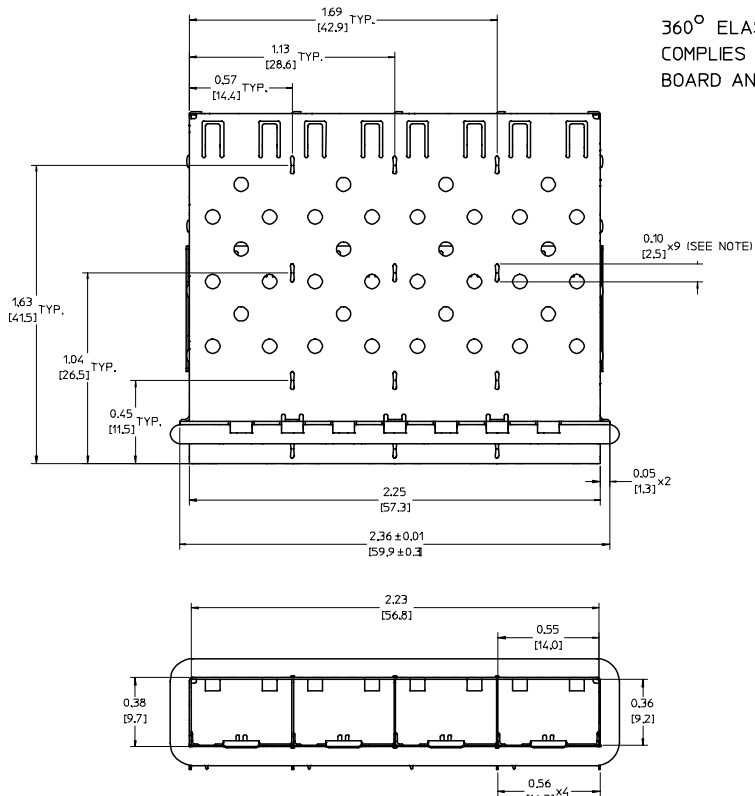
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

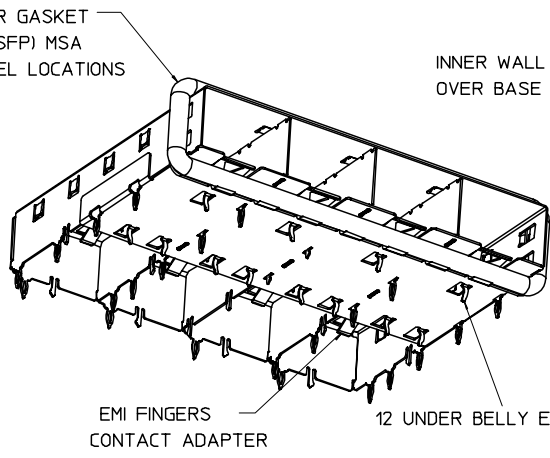
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

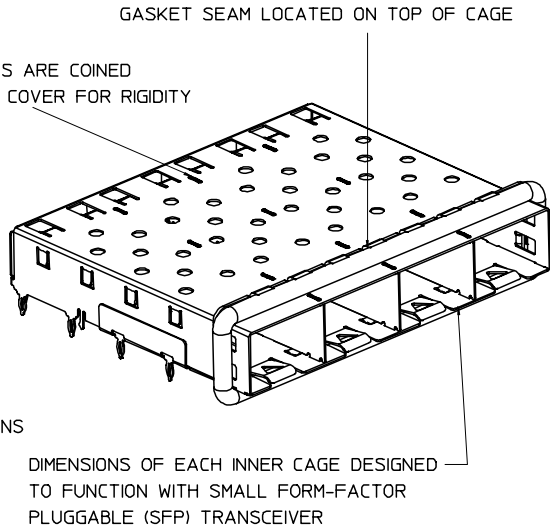




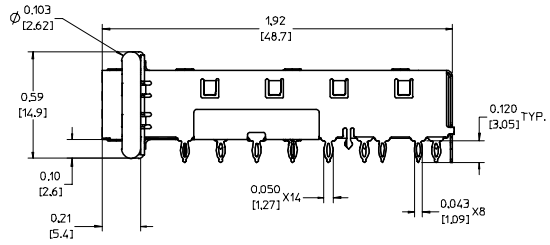
360° ELASTOMER GASKET COMPLIES WITH (SFP) MSA BOARD AND BEZEL LOCATIONS



EMI FINGERS CONTACT ADAPTER
12 UNDER BELLY EMI PINS



GASKET SEAM LOCATED ON TOP OF CAGE
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



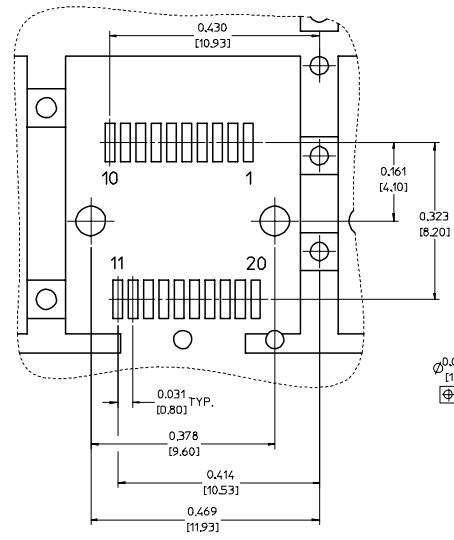
- NOTES:
- PRESS FIT LEGS 0.120" LONG- 0.062 [1.57] MINIMUM PCB THICKNESS. FOR SINGLE SIDED USE ONLY.
 - MATERIAL: COPPER ALLOY.
PLATING: PRE-PLATED NICKEL
 - REFERENCE DOCUMENTS:
PRODUCT SPECIFICATION: PS-74728-000
COSMETIC SPECIFICATIONS: WI-HP-7-2774 AND WI-HPA-7-0093
TEST SUMMARY: TS-74728-0415
 - 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).

CHGD TOL ON SHT3 EC NO: USY2007-0426 DRWN:CCOX 2007/04/20 CHKD: 2007/04/25 APPR:RMAHMOOD007/04/30 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 3:1	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 2005/07/09 CHECKED BY DATE BRUSSELL 2005/07/09 APPROVED BY DATE BRUSSELL 2005/07/09	mm INCH ANGULAR ± 1° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	TITLE 1X4 SFP CAGE ASSEMBLY W/ PRESS FIT PINS, PRE-PLATED MOLEX INCORPORATED MATERIAL NO. 747280420 DOCUMENT NO. SD-74728-420 SHEET NO. 1 OF 4			
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
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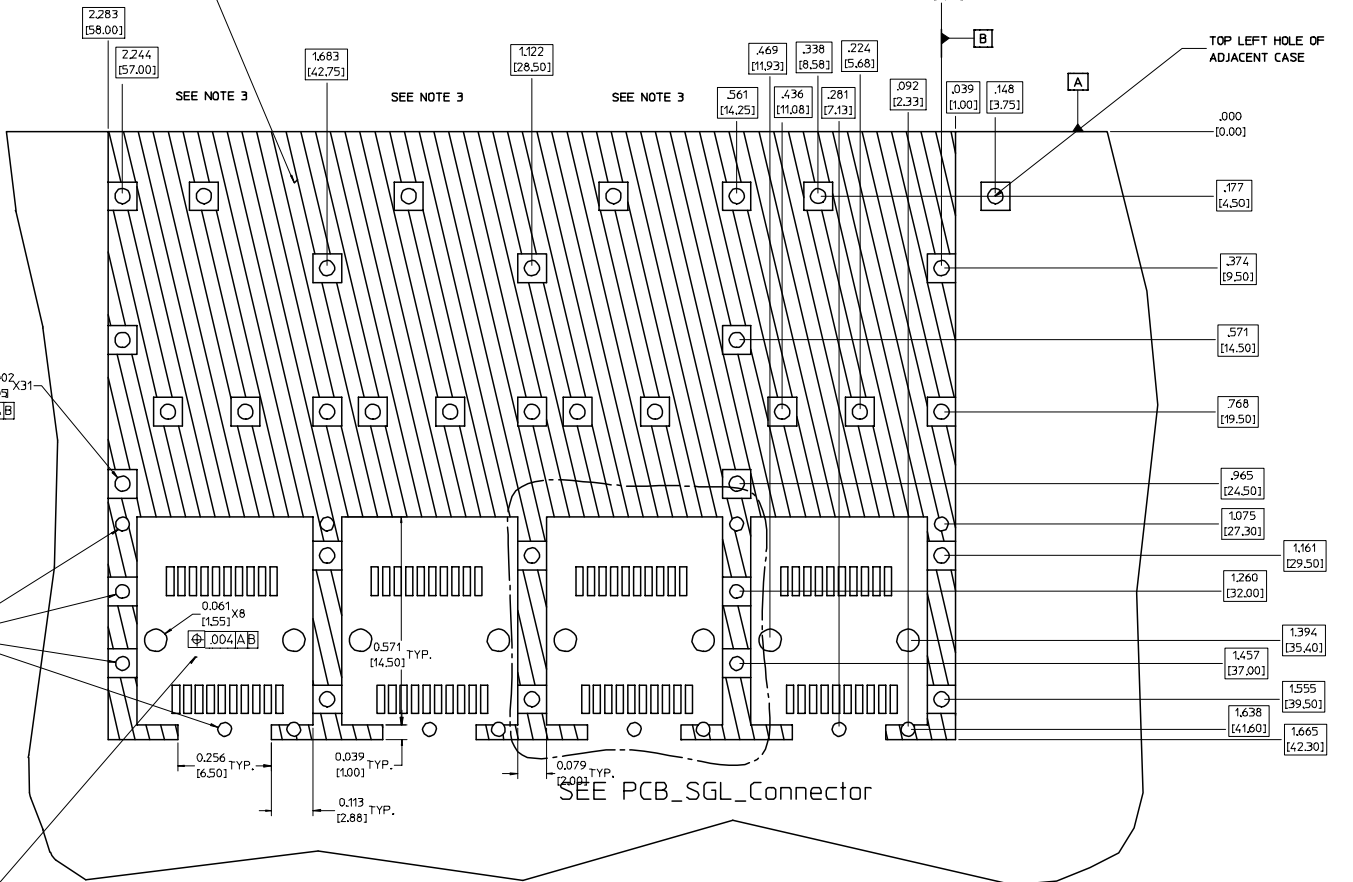
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

PCB LAYOUT FOR SINGLE SIDE MOUNTING

PCB_SGL_Connector
SCALE 8:1



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



$\phi .037 \pm 0.002 \times 16$
 $\phi .095 \pm 0.003$
 $\phi .004 [A/B]$
SMALLER HOLE ON THESE FOUR ROWS ONLY

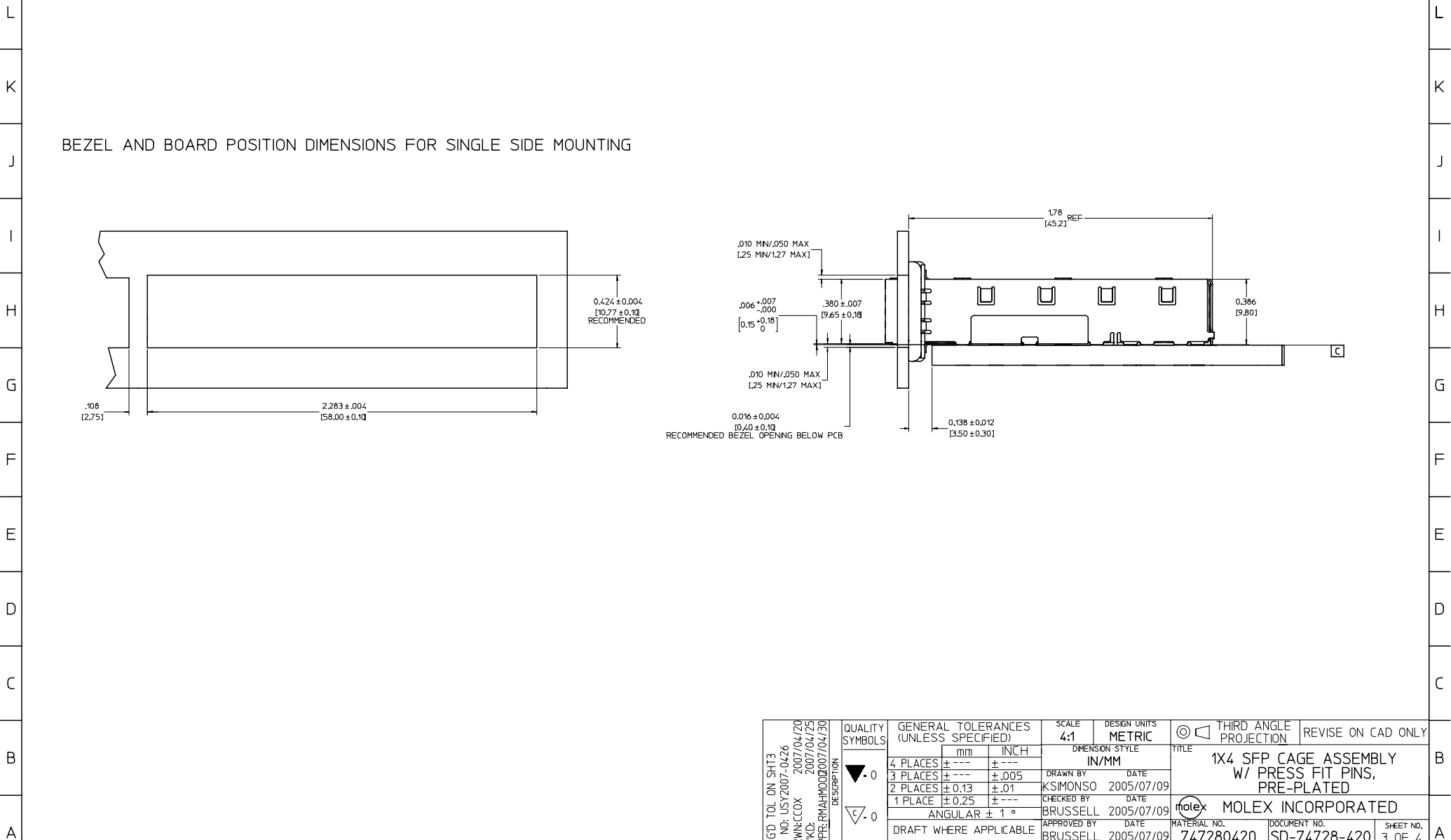
THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

- NOTES:
- PADS AND VIAS GO TO CHASSIS GROUND, (34 PLACES). RECOMMENDED PADS TO BE 2mm SQUARE.
 - PLATING OPTIONAL FOR THROUGH HOLES, (12 PLACES).
 - HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 14.25mm.

CHGD TOL ON SHT3 EC NO: USY2007-0426 DRWN:CCOX 2007/04/20 CHKD: 2007/04/25 APPR:RMAHMOOD/07/04/30 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 6:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm INCH DIMENSION STYLE IN/MM DRAWN BY DATE K SIMONSO 2005/07/09 CHECKED BY DATE BRUSSELL 2005/07/09 APPROVED BY DATE BRUSSELL 2005/07/09	TITLE 1X4 SFP CAGE ASSEMBLY W/ PRESS FIT PINS, PRE-PLATED MOLEX INCORPORATED MATERIAL NO. 747280420 DOCUMENT NO. SD-74728-420 SHEET NO. 2 OF 4			
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

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



CHGD TOL ON SHTS EC NO: USY2007-0426 DRWN:CCOX 2007/04/20 CHKD: 2007/04/25 APPR:RMAHMOOD/07/04/30 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	▽ .0 ∇ .0	4 PLACES	mm	INCH	DIMENSION STYLE IN/MM		TITLE 1X4 SFP CAGE ASSEMBLY W/ PRESS FIT PINS, PRE-PLATED MOLEX INCORPORATED
		3 PLACES	± .005	± .005	DRAWN BY KSIMONSO	DATE 2005/07/09	
		2 PLACES	± 0.13	± .01	CHECKED BY BRUSSELL	DATE 2005/07/09	
	1 PLACE	± 0.25	± .01	APPROVED BY BRUSSELL	DATE 2005/07/09	MATERIAL NO. 747280420	DOCUMENT NO. SD-74728-420
		ANGULAR ± 1°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 3 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

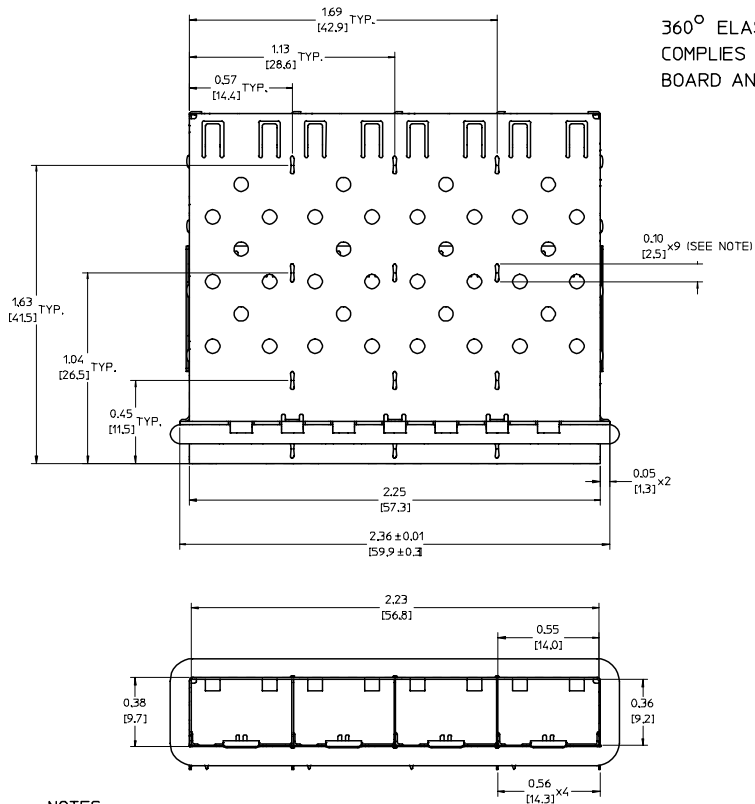
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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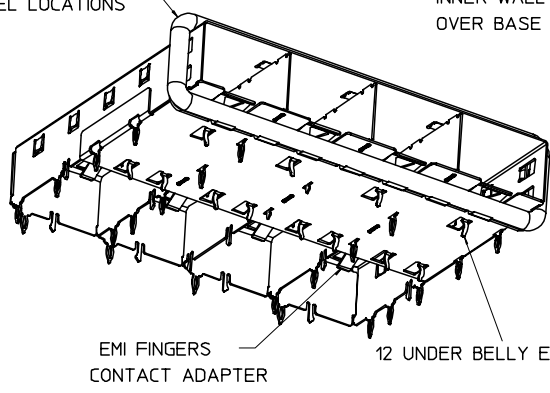
DATE	REV	CHANGES
2005/07/09	A	INITIAL RELEASE
2006/08/07	B	ADDED NOTE IDENTIFYING HOLE ON ADJACENT CASE
2007/04/10	C	[1] ON SHT3 DELETED F9(.073); [2] ON SHT3 CHG'D F7(.138) TOLERANCE FROM ±.012 TO ±.035; [3] IDENTIFIED ALL VIEWS WITH DISTINCT NAMES.
2007/04/20	D	[1] ON SHT3 CHG'D F7(.138) TOLERANCE FROM ±.035 TO ±.012.

CHGD TOL ON SHT3 EC NO: USY2007-0426 DRWN:CCOX 2007/04/20 CHKD: 2007/04/25 APPR:RMAHMOOD/07/04/30 REV D	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY															
	▽.0	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±.0005</td> <td>±.0002</td> </tr> <tr> <td>3 PLACES</td> <td>±.001</td> <td>±.0004</td> </tr> <tr> <td>2 PLACES</td> <td>±.005</td> <td>±.002</td> </tr> <tr> <td>1 PLACE</td> <td>±.012</td> <td>±.005</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±.0005	±.0002	3 PLACES	±.001	±.0004	2 PLACES	±.005	±.002	1 PLACE	±.012	±.005	DIMENSION STYLE IN/MM	TITLE 1X4 SFP CAGE ASSEMBLY W/ PRESS FIT PINS, PRE-PLATED		
		mm	INCH																		
	4 PLACES	±.0005	±.0002																		
3 PLACES	±.001	±.0004																			
2 PLACES	±.005	±.002																			
1 PLACE	±.012	±.005																			
▽.0	ANGULAR ± 1°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY K SIMONSO DATE 2005/07/09 CHECKED BY BRUSSELL DATE 2005/07/09 APPROVED BY BRUSSELL DATE 2005/07/09	MOLEX INCORPORATED MATERIAL NO. 747280420 DOCUMENT NO. SD-74728-420 SHEET NO. 4 OF 4																	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		

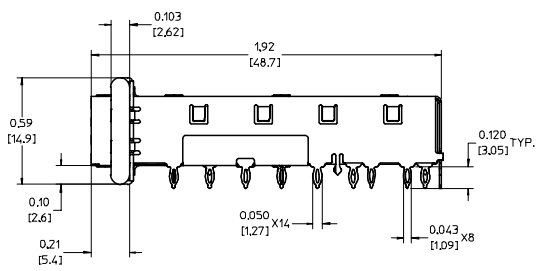
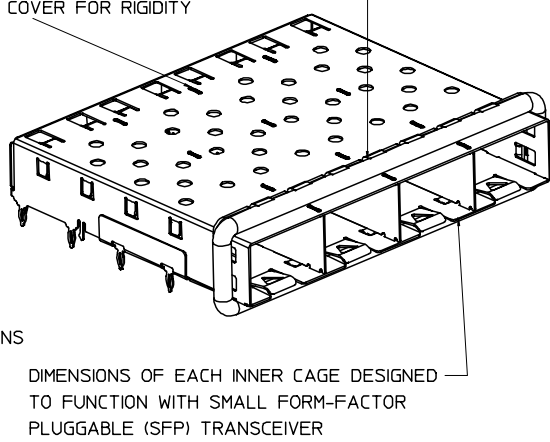
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360° ELASTOMER GASKET COMPLIES WITH (SFP) MSA BOARD AND BEZEL LOCATIONS



INNER WALL TABS ARE COINED OVER BASE AND COVER FOR RIGIDITY



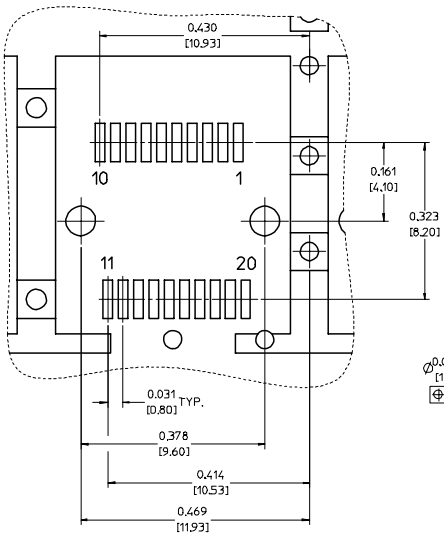
- NOTES:
- PRESS FIT LEGS 0.120" LONG- 0.062 [1.57] MINIMUM PCB THICKNESS. FOR SINGLE SIDED USE ONLY.
 - MATERIAL: COPPER ALLOY. PLATING: PRE-PLATED NICKEL
 - REFERENCE DOCUMENTS: PRODUCT SPECIFICATION: PS-74728-000 COSMETIC SPECIFICATIONS: WI-HP-7-2774 AND WI-HPA-7-0093 TEST SUMMARY: TS-74728-0415
 - 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: 2006/08/01 DRWN: COX CHKD: 2006/08/07 APPR: BRUSSELL 2006/08/15 REV DESCRIPTION	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 ± --- ± ---	DIMENSION STYLE IN/MM DRAWN BY DATE K SIMONSO 2005/07/09	TITLE 1X4 SFP CAGE ASSEMBLY W/ PRESS FIT PINS, PRE-PLATED MOLEX INCORPORATED		
		3 PLACES ± --- ± .005				
		2 PLACES ± 0.13 ± .01	CHECKED BY DATE BRUSSELL 2005/07/09	MATERIAL NO. 747280420	DOCUMENT NO. SD-74728-420	SHEET NO. 1 OF 4
1 PLACE ± 0.25 ± ---	APPROVED BY DATE BRUSSELL 2005/07/09	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						

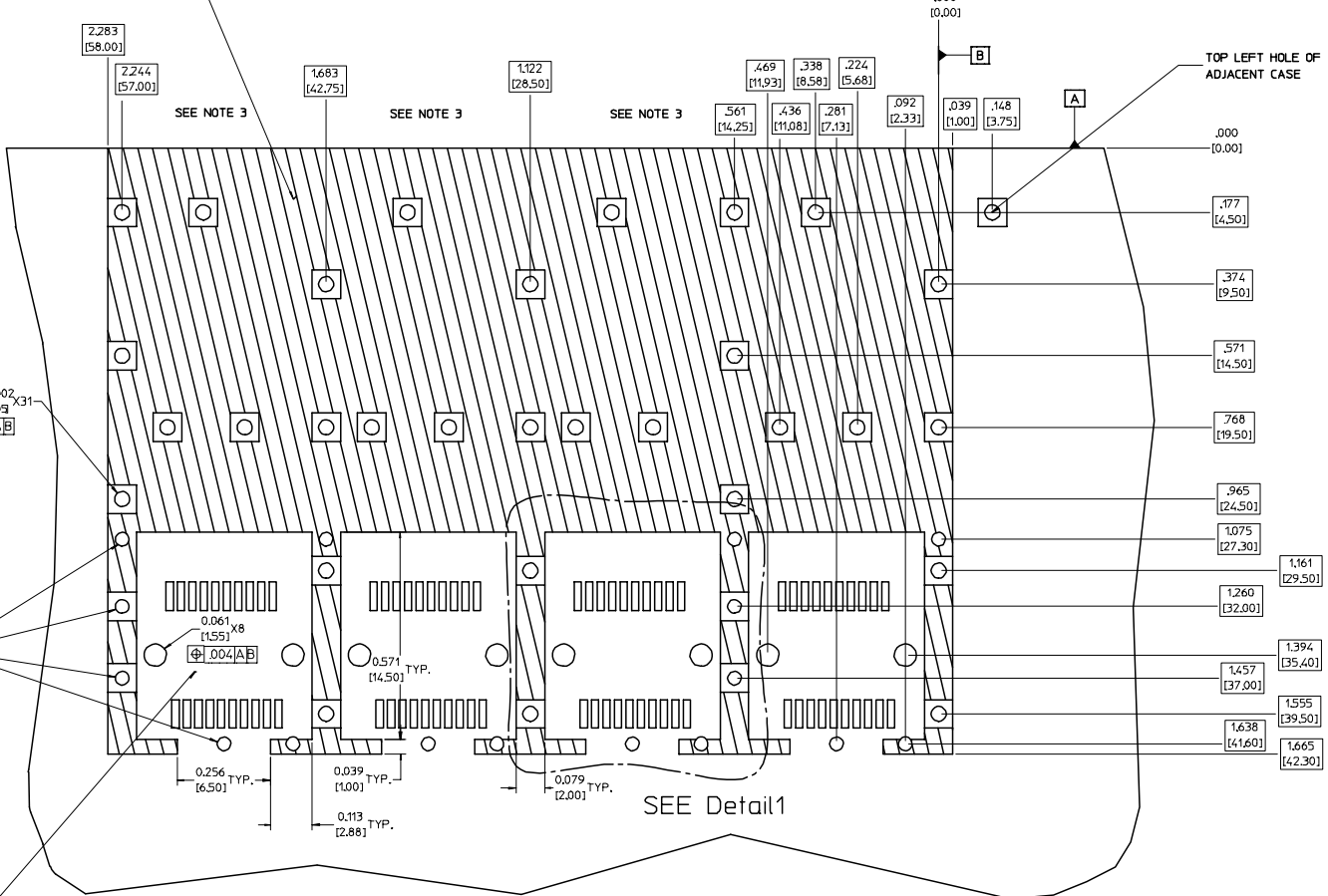
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

PCB LAYOUT FOR SINGLE SIDE MOUNTING

Detail1
SCALE 8:1



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



THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

SMALLER HOLE ON
THESE FOUR ROWS ONLY

SEE NOTE 3

SEE NOTE 3

SEE NOTE 3

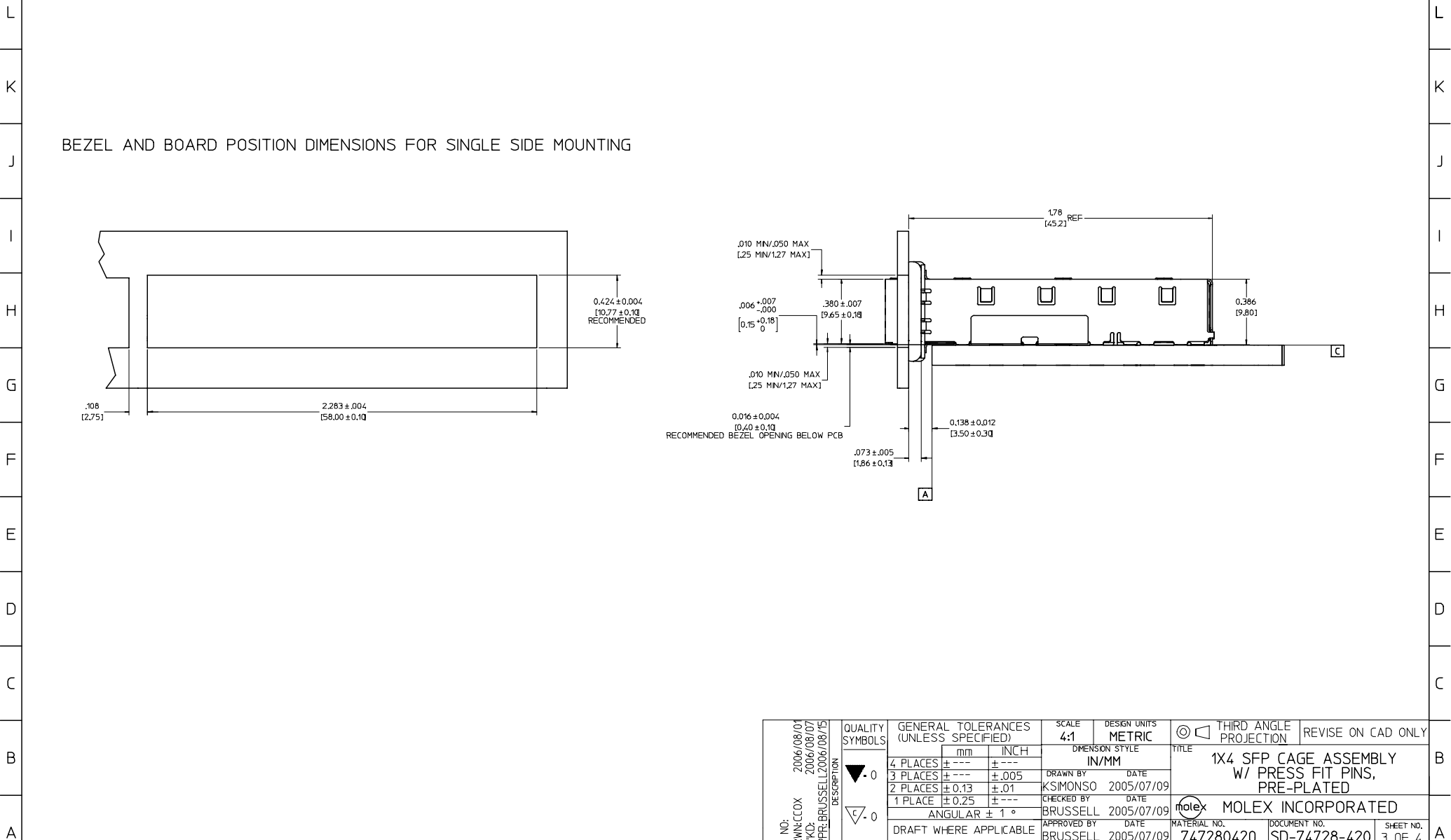
SEE Detail1

- NOTES:
- PADS AND VIAS GO TO CHASSIS GROUND, (34 PLACES).
RECOMMENDED PADS TO BE 2mm SQUARE.
 - PLATING OPTIONAL FOR THROUGH HOLES, (12 PLACES).
 - HOLE PATTERN REPEATS FOR EACH PORT,
SPACING BETWEEN PORTS IS 14.25mm.

EC NO: DRW:CCOX CHKD: APPR:BRUSSELL 2006/08/01 2006/08/07 2006/08/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 6:1	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 K SIMONSO DATE 2005/07/09 CHECKED BY DATE BRUSSELL 2005/07/09	TITLE	1X4 SFP CAGE ASSEMBLY W/ PRESS FIT PINS, PRE-PLATED		
	ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE BRUSSELL 2005/07/09	MATERIAL NO. 747280420 DOCUMENT NO. SD-74728-420 SHEET NO. 2 OF 4	MOLEX INCORPORATED THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DESCRIPTION 1X4 SFP CAGE ASSEMBLY W/ PRESS FIT PINS, PRE-PLATED					

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 74728 9 8 7 6 5 4 3 2 1



EC NO: 2006/08/01 DRWN:CCOX 2006/08/07 CHKD: 2006/08/07 APPR:BRUSSELL 2006/08/15 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	$\blacktriangledown .0$ $\nabla .0$	4 PLACES ± .005	mm INCH	DIMENSION STYLE IN/MM		TITLE 1X4 SFP CAGE ASSEMBLY W/ PRESS FIT PINS, PRE-PLATED
		3 PLACES ± .005		DRAWN BY KSIMONSO	DATE 2005/07/09	
		2 PLACES ± 0.13	± .01	CHECKED BY BRUSSELL	DATE 2005/07/09	MOLEX INCORPORATED MATERIAL NO. 747280420 DOCUMENT NO. SD-74728-420 SHEET NO. 3 OF 4
1 PLACE ± 0.25	± .01	APPROVED BY BRUSSELL	DATE 2005/07/09			
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				

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

DATE	REV	CHANGES	COMMENTS
2005/06/09	1	PRELIMINARY DOCUMENT	N/A
2005/07/09	A	INITIAL RELEASE	N/A
2006/08/07	B	ADDED NOTE IDENTIFYING HOLE ON ADJACENT CASE	N/A

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EC NO: 2006/08/01 DRWN:CCOX CHKD: 2006/08/07 APPR:BRUSSELL 2006/08/15 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY													
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