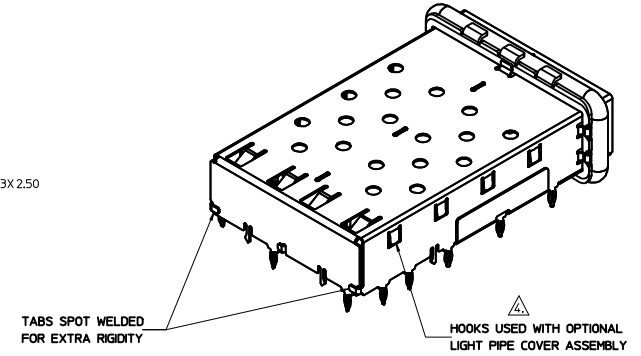
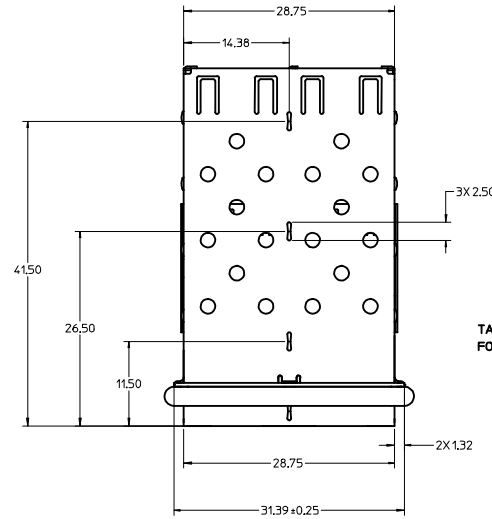
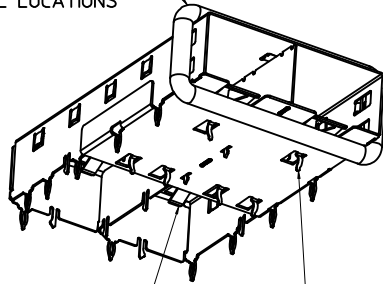


NOTES:

- PRESS FIT LEGS 3.05 LONG-
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
 - MATERIAL: COPPER ALLOY
PLATING: NONE
NOTE: A NICKEL PLATED VERSION OF THIS ASSEMBLY IS AVAILABLE.
REFER TO DOCUMENT SD-74722-004
 - REFERENCE DOCUMENTS:
PRODUCT SPECIFICATION: PS-74728-000
COSMETIC SPECIFICATIONS: WI-HP-2774 AND WI-HPA-7-0093
TEST SUMMARY: TS-73927-0250.
- ⚠ MATES WITH SERIES 74727. LIGHT PIPE COVER ASSEMBLY.
5. NO RoHS EXEMPTIONS.



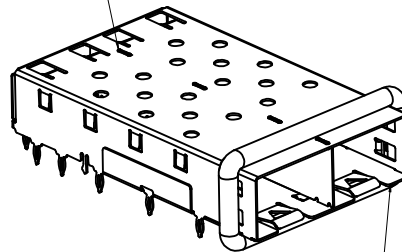
360° ELASTOMER EMI GASKET COMPLIES WITH (SFP) MSA BOARD AND BEZEL LOCATIONS



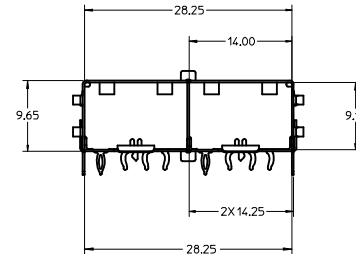
EMI FINGERS CONTACT ADAPTER

6 UNDER BELLY EMI PINS

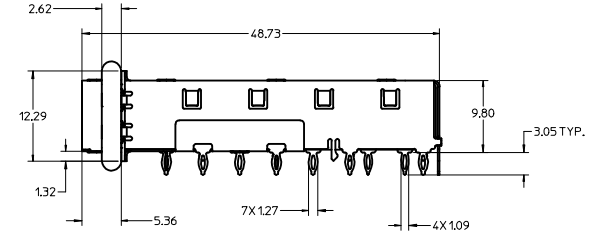
INNER WALL TABS ARE COINED OVER BASE AND COVER FOR RIGIDITY



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



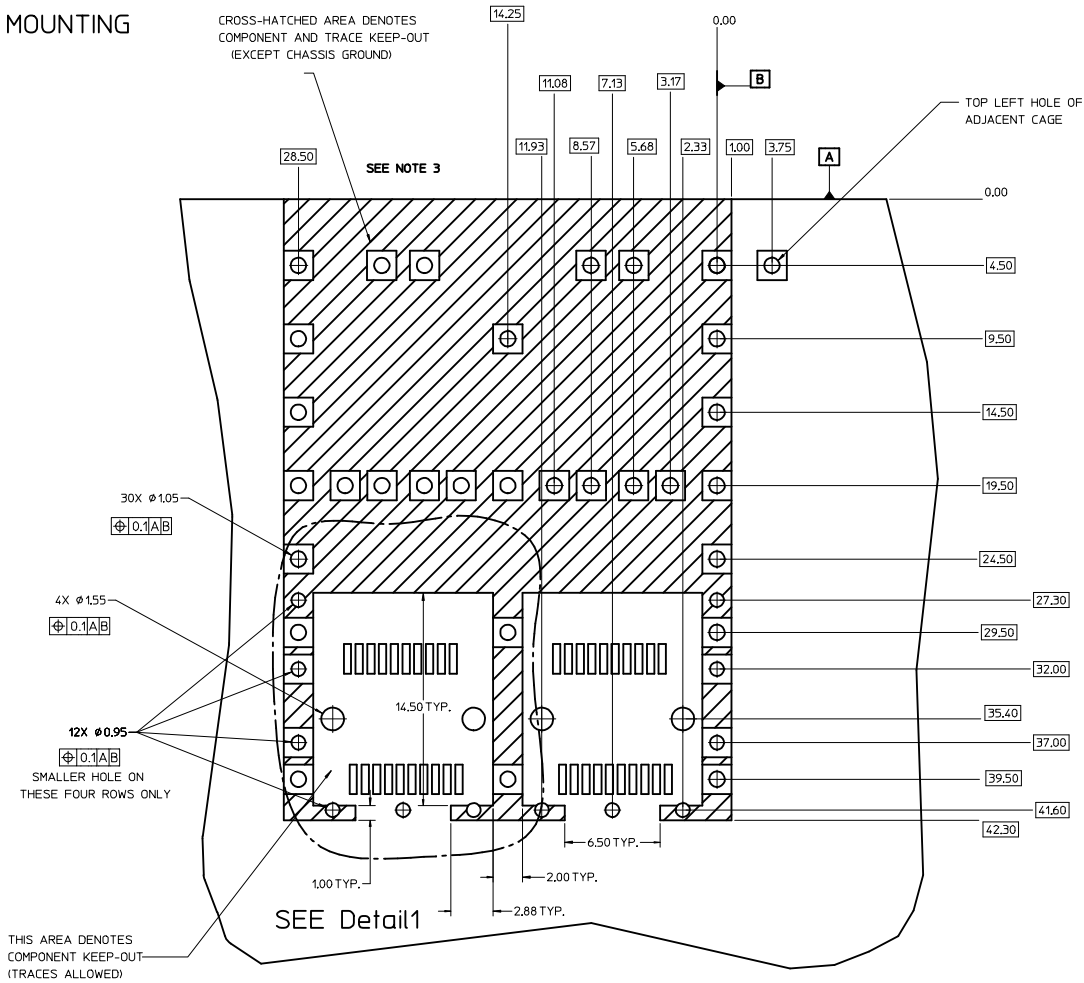
GASKET AND FRAME REMOVED FOR CLARITY



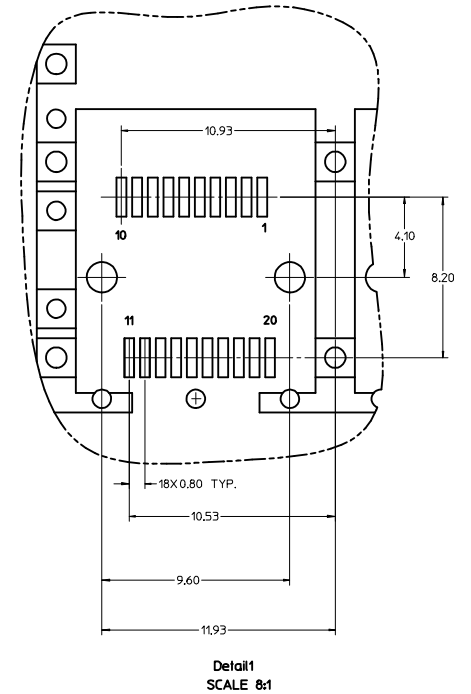
PART NUMBER	ELASTOMERIC GASKET
739270250	FLAMMABILITY RATING
739270254	EQUATE TO UL94 V-0

SEE REVISION TABLE EC NO: CPG2014-3377 DRAWN BY: DRWNR/CHEN08 2014/05/05 CHECKED BY: CHYKEMAN07 2014/06/25 APPROVED BY: APPR/CHEN08 2014/06/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ± mm	MM ONLY	3:1	METRIC	☉	
	▽=0	3 PLACES ± 0.13	INCH				
	▽=0	2 PLACES ± 0.25					
		ANGULAR ± 1°	DRAWN BY: KSI MONSO	DATE: 2003/09/25	TITLE: 1X2 SFP GANGED CAGE ASSEMBLY PRESS FIT		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY: BRUSSELL	DATE: 2003/10/27	DOCUMENT NO. SD-73927-250		
			APPROVED BY: KJANOTA	DATE: 2010/03/16	SHEET NO. 1 OF 5		
			MATERIAL NO. SEE P/N TABLE				
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



HOST CONNECTOR DETAIL



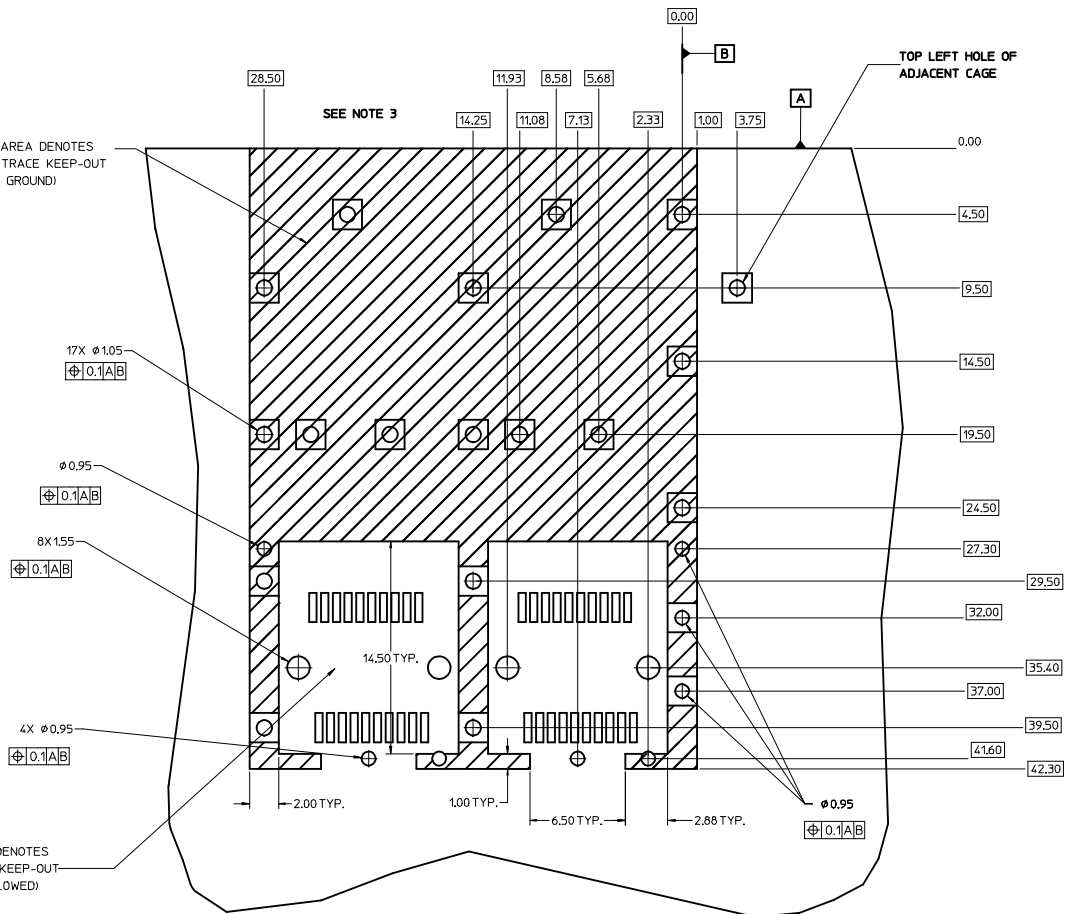
NOTES:

1. PADS AND VIAS GO TO CHASSIS GROUND, (34 PLACES), RECOMMENDED PADS TO BE 2mm SQUARE.
2. PLATING OPTIONAL FOR THROUGH HOLES (8 PLACES)
3. RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
4. HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 14.25
5. CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

SEE REVISION TABLE	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm	INCH	MM ONLY	DATE			
1	▽=0	4 PLACES	± 0.13	± 0.005	DATE	6:1	METRIC	1X2 SFP GANGED CAGE ASSEMBLY PRESS FIT
2	▽=0	3 PLACES	± 0.13	± 0.005	DATE			
3	▽=0	2 PLACES	± 0.25	± 0.005	DATE			
4	▽=0	1 PLACE	± 0.25	± 0.005	DATE			
5	▽=0	0 PLACE	±	±	DATE			
SEE REVISION TABLE		ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE P/N TABLE		KJANOTA 2010/03/16		SD-73927-250		
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)

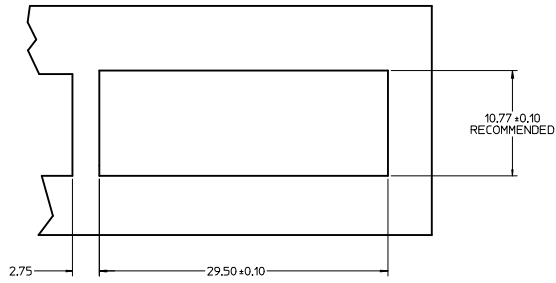


THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

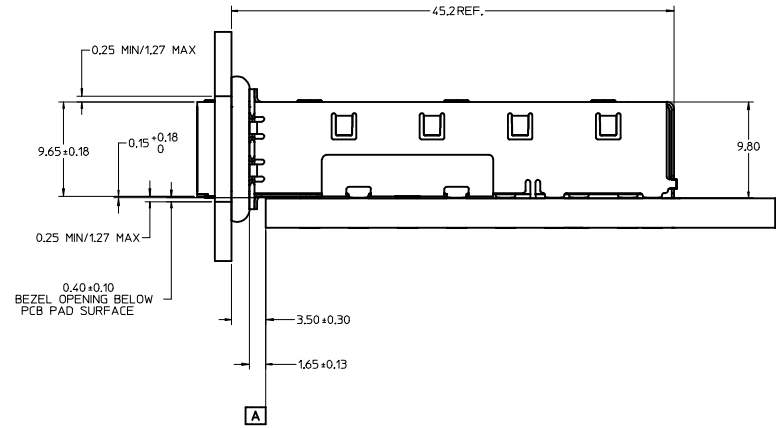
NOTES:

1. PADS AND VIAS GO TO CHASSIS GROUND, (19 PLACES). RECOMMENDED PADS TO BE 2mm SQUARE.
2. PLATING OPTIONAL FOR THROUGH HOLES (6 PLACES)
3. RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
4. HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 14.25
5. CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

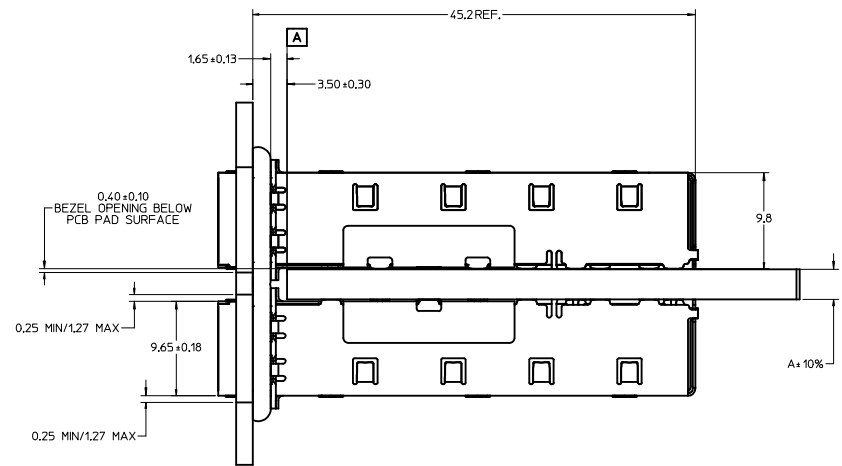
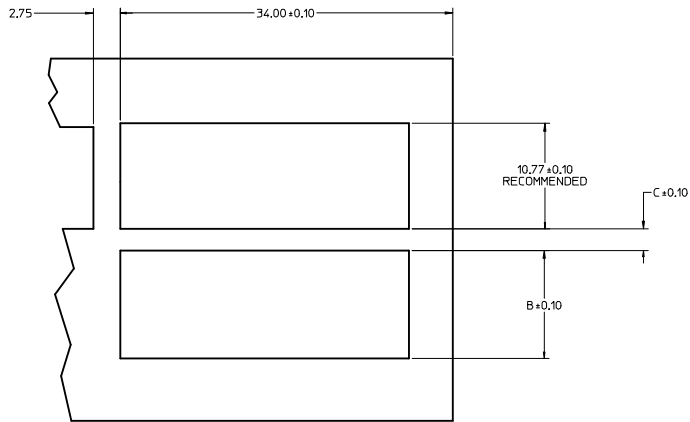
SEE REVISION TABLE		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
REV	DESCRIPTION	SYMBOL	VALUE	mm	INCH	MM ONLY	DATE	6:1	METRIC	☉
D	DRYNRCHEN08 2014/05/05	▽=0	4 PLACES	±	±	MM ONLY	2003/09/25			
	CHYKEMANG07 2014/06/25	▽=0	3 PLACES	±	±		2003/10/27			
	APPRCHEN08 2014/06/26	▽=0	2 PLACES	±0.13	±---					
			1 PLACE	±0.25	±---					
			0 PLACE	±	±					
		ANGULAR ± 1 °				MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE P/N TABLE		SD-73927-250		3 OF 5
<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>										



BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



- NOTE:
1. FOR A GIVEN BOARD THICKNESS (A), DIMENSIONS (B) AND (C) ARE DIRECTLY AFFECTED.
 2. USE RECOMMENDED DIMENSIONS AND TOLERANCES TO AID IN DEVELOPING BEZEL OPENING.
 3. FOR EXAMPLE USING A BOARD THICKNESS OF .125" THE RECOMMENDED VALUES WOULD BE:

A= 3.18
 B= 11.03
 C= 2.23

SEE REVISION TABLE EEC NO: CPG2014-3377 DRAWN BY: DRWNRCHEN08 CHECKED BY: CHYKOWANG07 APPROVED BY: APPRRCRCHEN08 DATE: 2014/05/05 DATE: 2014/06/25 DATE: 2014/06/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	4:1	METRIC		
	▽=0	3 PLACES ± 0.13 ±					
	▽=0	1 PLACE ± 0.25 ±					
		ANGULAR ± 1 °					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
			MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
			SEE P/N TABLE	SD-73927-250		4 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

REVISION HISTORY

DATE	REV	DESCRIPTION
10/27/2003	A	INITIAL RELEASE
10/06/2005	B	ADDED PCB AND BEZEL LAYOUT
12/10/2009	C	ADDED ISO VIEW WITH WELD CALLOUT
05/05/2014	D	1. ADDED 739270254 [SHT 1] 2. ADDED "MM 3D MODEL: TM-74722-000" ON LEFT TOP CORNER [SHT 1] 3. NOTE 5 CHANGED AS "NO RoHS EXEMPTIONS" [SHT 1] 4. REMOVE ALL DIMENSIONS IN INCH [SHT 1 TO 4].

SEE REVISION TABLE IEC NO: CPG2014-3377 D 2014/05/05 CHYKDEWANG07 2014/06/25 APPR:RCHEN08 2014/06/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm INCH	MM ONLY	3:1	METRIC	☉
	▽=0	3 PLACES ± 0.13				
	▽=0	2 PLACES ± 0.25				
	ANGULAR ± 1°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE	CHECKED BY DATE	APPROVED BY DATE	TITLE
			KS IMONSO 2003/09/25	BRUSSELL 2003/10/27	K JANOTA 2010/03/16	1X2 SFP GANGED CAGE ASSEMBLY PRESS FIT
			SEE P/N TABLE		MATERIAL NO.	DOCUMENT NO.
			D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SD-73927-250
						SHEET NO. 5 OF 5

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

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.

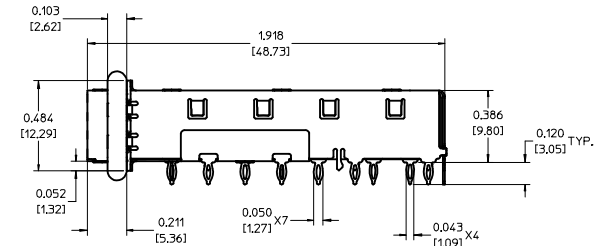
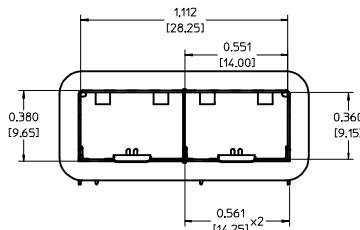
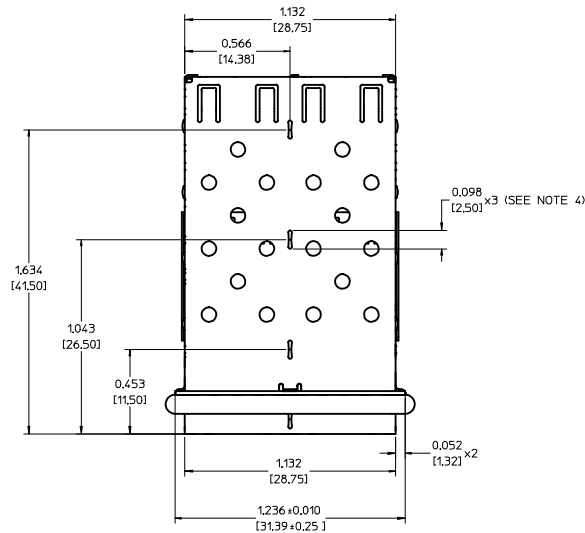
2. MATERIAL: COPPER ALLOY
PLATING: NONE

NOTE: A NICKEL PLATED VERSION OF THIS ASSEMBLY IS AVAILABLE.
REFER TO DOCUMENT SD-74722-004

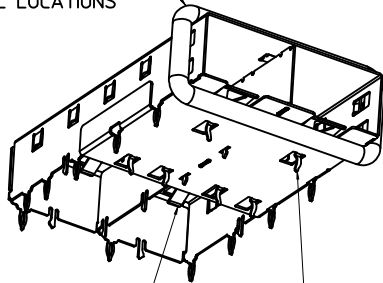
3. REFERENCE DOCUMENTS:
PRODUCT SPECIFICATION: PS-74728-000
COSMETIC SPECIFICATIONS: WI-HP-2774 AND WI-HPA-7-0093
TEST SUMMARY: TS-74722-0001.

4. MATES WITH SERIES 74727, LIGHT PIPE COVER ASSEMBLY.

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



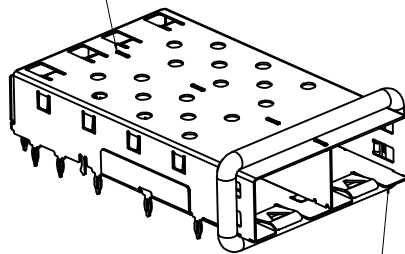
360° ELASTOMER EMI GASKET
COMPLIES WITH (SFP) MSA
BOARD AND BEZEL LOCATIONS



EMI FINGERS
CONTACT ADAPTER

6 UNDER BELLY EMI PINS

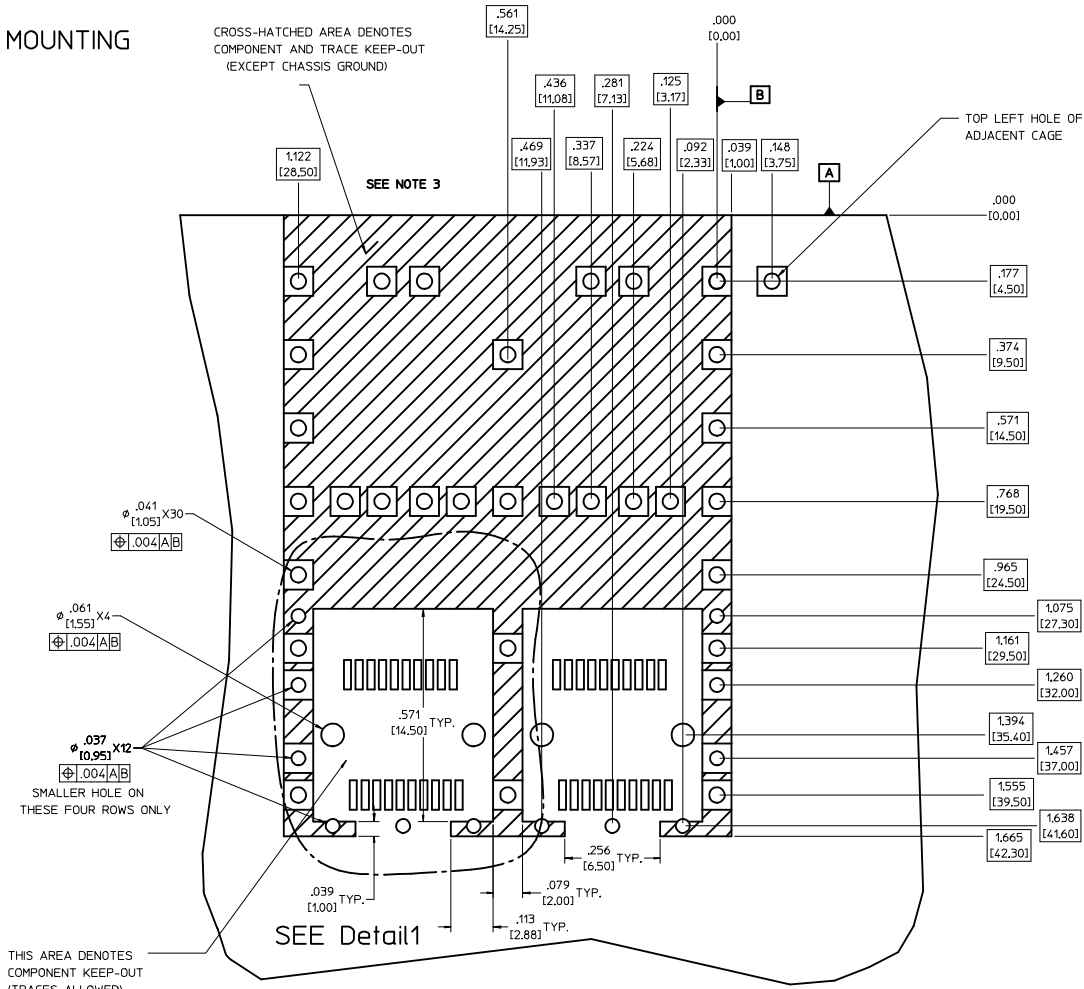
INNER WALL TABS ARE COINED
OVER BASE AND COVER FOR RIGIDITY



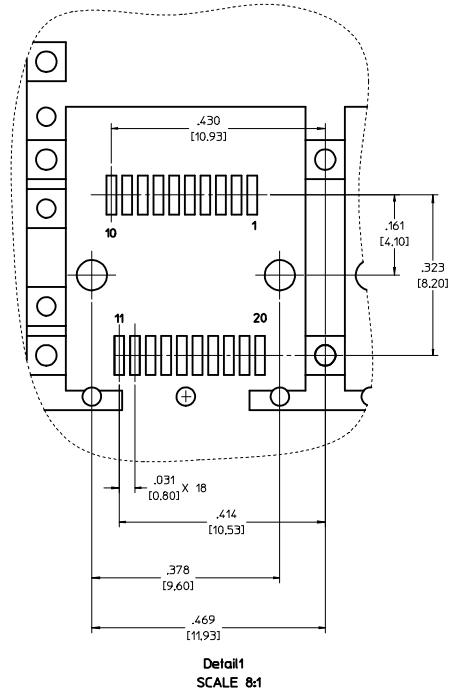
DIMENSIONS OF EACH INNER CAGE DESIGNED
TO FUNCTION WITH SMALL FORM-FACTOR
PLUGGABLE (SFP) TRANSCEIVER

ENTER DESCRIPTION EC NO: USY2006-0073 DRWKS:IMONSO 2006/01/17 CHKD:BRUSSELL 2006/01/20 APPR:BRUSSELL 2006/01/25	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	mm INCH	DRAWN BY: KSI MONSO CHECKED BY: BRUSSELL APPROVED BY: BRUSSELL	DATE: 2003/09/25 DATE: 2003/10/27 DATE: 2003/10/27	TITLE: 1X2 SFP GANGED CAGE ASSEMBLY, PRESS FIT	MOLEX INCORPORATED
REVISION D	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 747220001	DOCUMENT NO. SD-74722-001	SHEET NO. 1 OF 5		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



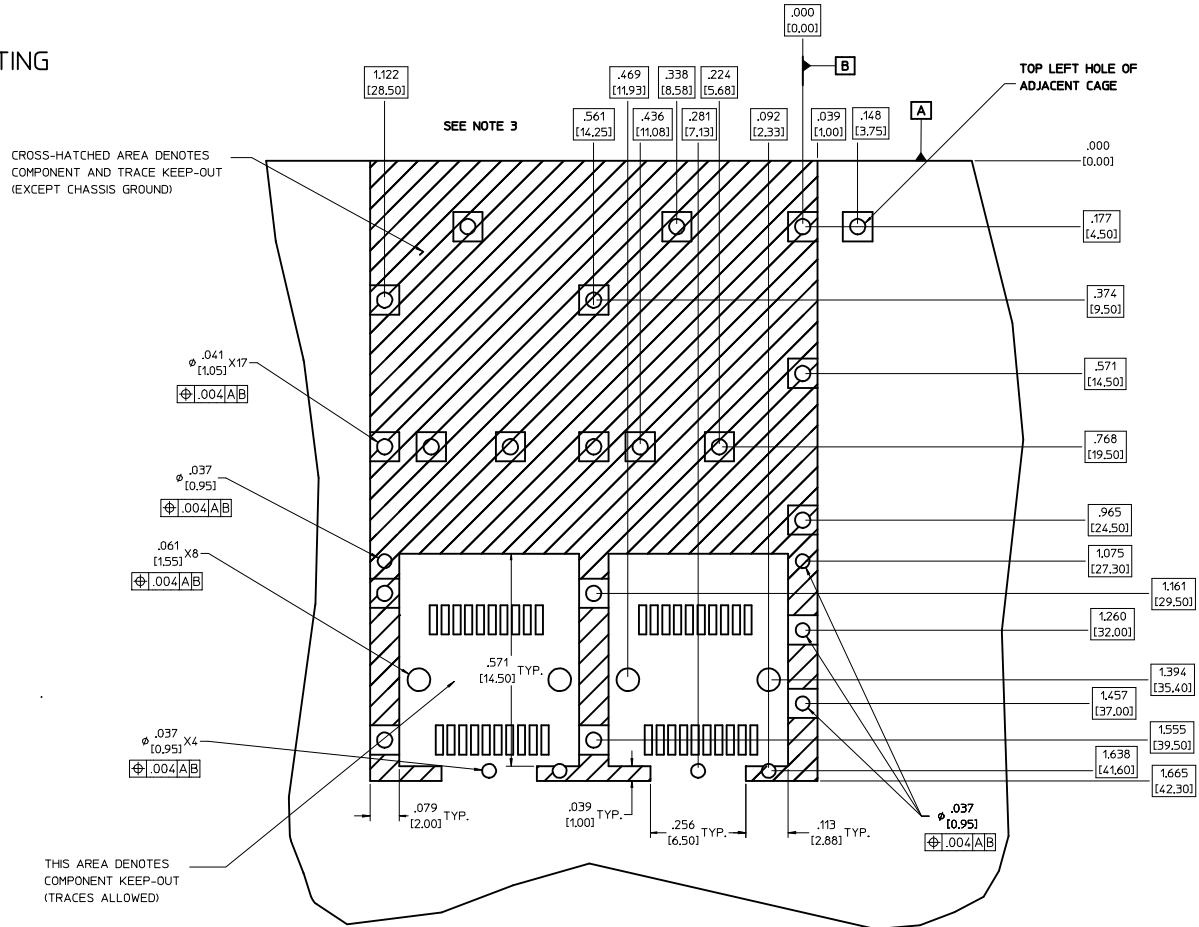
HOST CONNECTOR DETAIL



- NOTES:**
- PADS AND VIAS GO TO CHASSIS GROUND. (34 PLACES).
RECOMMENDED PADS TO BE 2mm SQUARE.
 - PLATING OPTIONAL FOR THROUGH HOLES (8 PLACES)
 - RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
 - HOLE PATTERN REPEATS FOR EACH PORT.
SPACING BETWEEN PORTS IS 0.561 [14.25]
 - CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

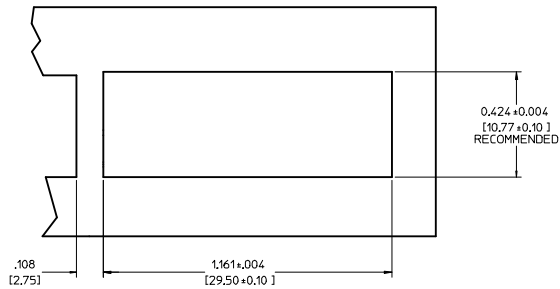
ENTER DESCRIPTION IEC NO. USY2006-0073 DRAWN BY DRANKS IMONSON 2006/01/17 CHYK BRUSSELL 2006/01/20 APPR. BRUSSELL 2006/01/25 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 6:1		DESIGN UNITS METRIC		<input checked="" type="checkbox"/> THIRD ANGLE PROJECTION	
	4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .010 1 PLACE ± 0.25 ± ---		mm INCH ANGULAR ± 1°		DRAWN BY DATE KS IMONSON 2003/09/25		CHECKED BY DATE BRUSSELL 2003/10/27		TITLE 1X2 SFP GANGED CAGE ASSEMBLY, PRESS FIT			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 747220001		APPROVED BY DATE BRUSSELL 2003/10/27		DOCUMENT NO. SD-74722-001		Molex MOLEX INCORPORATED			
			SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 5					

PCB LAYOUT FOR SINGLE SIDE MOUNTING

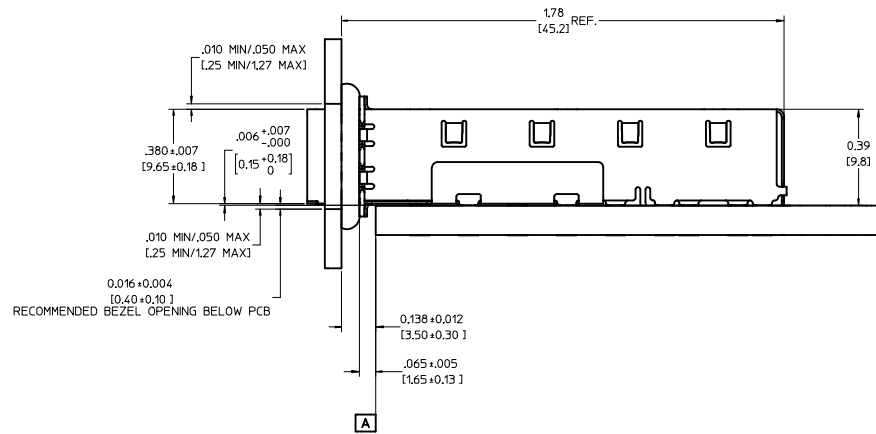


- NOTES:**
- PADS AND VIAS GO TO CHASSIS GROUND. (19 PLACES).
RECOMMENDED PADS TO BE 2mm SQUARE.
 - PLATING OPTIONAL FOR THROUGH HOLES (6 PLACES)
 - RECOMMENDED PLATING INCLUDES HASL, IMMERSION (GOLD, SILVER, OR TIN), AND OSP.
 - HOLE PATTERN REPEATS FOR EACH PORT.
SPACING BETWEEN PORTS IS 0.561 [14.25]
 - CONNECTOR PAD LAYOUT PER SFP MSA. WILL ACCOMMODATE MOLEX
CONNECTOR SERIES 74441 OR EQUIVALENT.

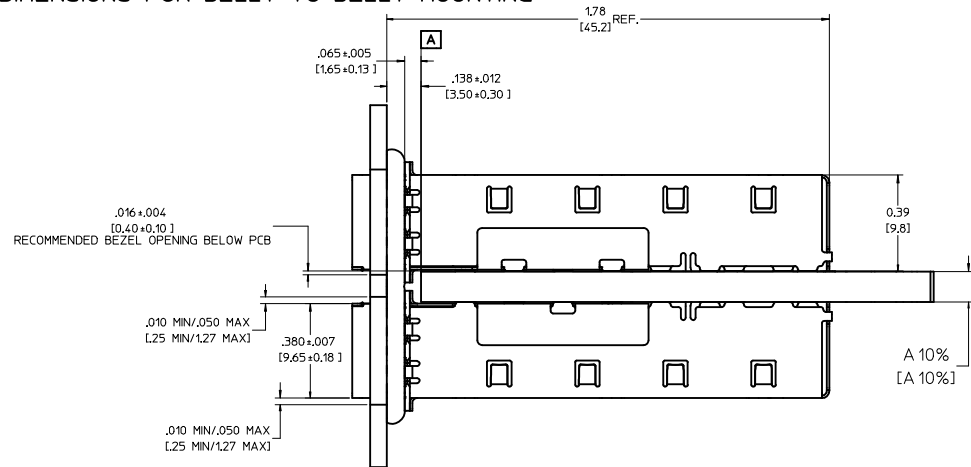
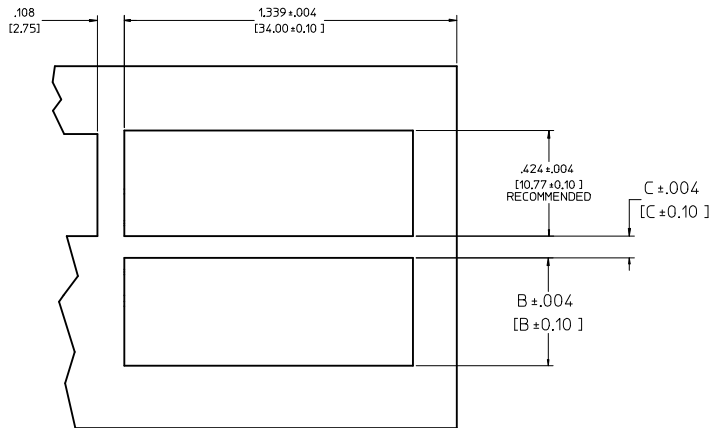
ENTER DESCRIPTION EC NO: USY2006-0073 DRAWN BY: KSI MONSON 2006/01/17 CHECKED BY: CHYD BRUSSELL 2006/01/20 APPROVED BY: APPR: BRUSSELL 2006/01/25 REV:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 6:1	DESIGN UNITS METRIC	<input checked="" type="checkbox"/> THIRD ANGLE PROJECTION
		4 PLACES ±.005 ±.005 3 PLACES ±.005 ±.005 2 PLACES ±0.13 ±.010 1 PLACE ±0.25 ±.010 ANGULAR ± 1°	mm INCH	DRAWN BY: KSI MONSON DATE: 2003/09/25 CHECKED BY: BRUSSELL DATE: 2003/10/27 APPROVED BY: BRUSSELL DATE: 2003/10/27	TITLE 1X2 SFP GANGED CAGE ASSEMBLY, PRESS FIT	MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 747220001	DOCUMENT NO. SD-74722-001	SHEET NO. 3 OF 5			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



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 .125" THE RECOMMENDED VALUES WOULD BE:

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

ENTER DESCRIPTION IEC NO: USY2006-0073 DRAWN BY: KSI MONSON 2006/01/17 CHYKORUSSELL 2006/01/20 APPROV: BRUSSELL 2006/01/25	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS METRIC	<input checked="" type="checkbox"/> THIRD ANGLE PROJECTION		
		4 PLACES ±.005 3 PLACES ±.005 2 PLACES ±.010 1 PLACE ±.025	±.005 ±.005 ±.010 ±.025	DRAWN BY: KSI MONSON DATE: 2003/09/25 CHECKED BY: BRUSSELL DATE: 2003/10/27 APPROVED BY: BRUSSELL DATE: 2003/10/27	TITLE: 1X2 SFP GANGED CAGE ASSEMBLY, PRESS FIT	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO: 747220001 DOCUMENT NO: SD-74722-001	SHEET NO: 4 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

DATE	REV	CHANGES	COMMENTS
10/27/2003	A	INITIAL RELEASE	N/A
10/06/2005	B	ADDED PCB AND BEZEL LAYOUT	N/A

ENTER DESCRIPTION IEC NO: USY2006-0073 DRAWN BY: DRANKS IMONSON 2006/01/17 CHECKED BY: CHYD BRUSSELL 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 ± .010 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	DRAWN BY: DATE KS IMONSON 2003/09/25 CHECKED BY: DATE BRUSSELL 2003/10/27 APPROVED BY: DATE BRUSSELL 2003/10/27	TITLE 1X2 SFP GANGED CAGE ASSEMBLY, PRESS FIT			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 747220001	DOCUMENT NO. SD-74722-001		
				MOLEX INCORPORATED	SHEET NO. 5 OF 5		

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