

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

18 UNDER BELLY EMI PINS

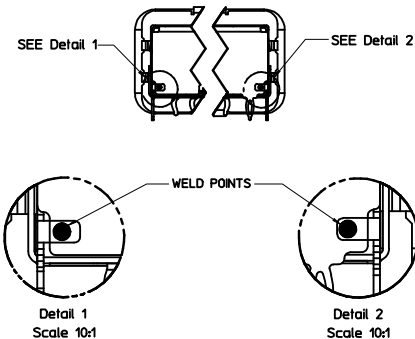
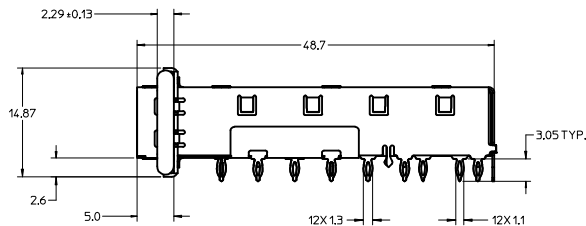
EMI FINGERS  
CONTACT ADAPTER

INNER WALL TABS ARE COINED  
OVER BASE AND COVER FOR RIGIDITY

TABS USED TO ATTACH  
LIGHT PIPE COVER

GASKET SEAM LOCATED  
ON SIDE OF CAGE

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



NOTES:

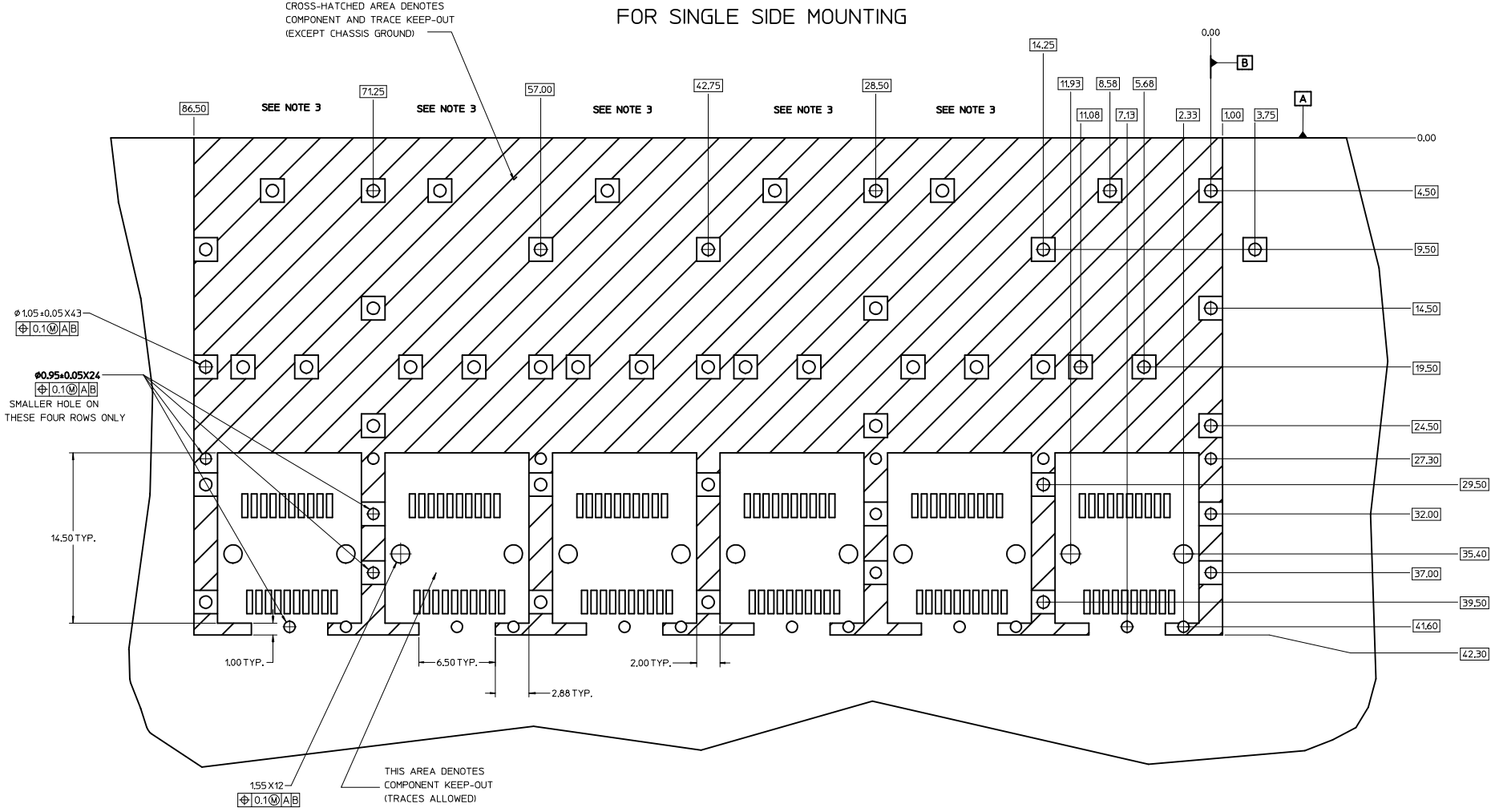
- PRESS FIT LEGS 0.120" LONG-  
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.  
FOR SINGLE SIDED USE ONLY. NOT INTENDED FOR BELLY-TO-BELLY APPLICATIONS.
- MATERIAL: COPPER ALLOY  
PLATING: PRE-PLATED NICKEL
- REFERENCE DOCUMENTS:  
PRODUCT SPECIFICATION: PS-74728-000  
COSMETIC SPECIFICATIONS: WI-HP-7-2774 AND WI-HPA-7-0093
- MATES WITH SERIES 74748, LIGHT PIPE COVER ASSEMBLY.
- NO RoHS EXEMPTIONS.

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY	DATE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			mm	INCH						
4	PLACES	±	---	±	---	---	---	---	---	
3	PLACES	±	---	±	---	---	---	---	---	
2	PLACES	±	0.13	±	---	---	---	---	---	
1	PLACE	±	0.18	±	---	---	---	---	---	
0	PLACE	±	---	±	---	---	---	---	---	
			ANGULAR ± 1 °							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
SEE REVISION TABLE					MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
IEC NO: CP62016-0786					747470004		SD-74747-004		1 OF 4	
DRAWN BY: KSI MONSO					DATE: 2006/01/19					
CHECKED BY: BRUSSELL					DATE: 2006/01/19					
APPROVED BY: BRUSSELL					DATE: 2006/01/19					

SFP 1X6 GANGED  
CAGE ASSEMBLY,  
PRE-PLATED NICKEL

**molex**

# PCB LAYOUT FOR SINGLE SIDE MOUNTING



- NOTES:**
- PADS AND VIAS GO TO CHASSIS GROUND. (48 PLACES).  
RECOMMENDED PADS TO BE 2mm SQUARE.
  - PLATING OPTIONAL FOR THROUGH HOLES. (16 PLACES).
  - HOLE PATTERN REPEATS FOR EACH PORT.  
SPACING BETWEEN PORTS IS 14.25mm.

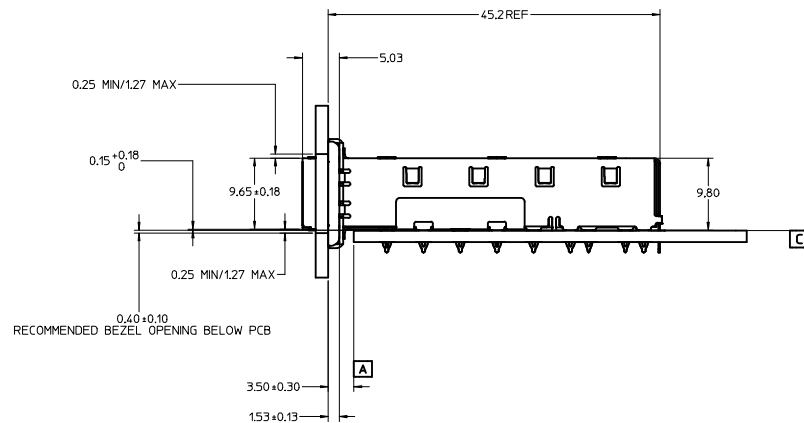
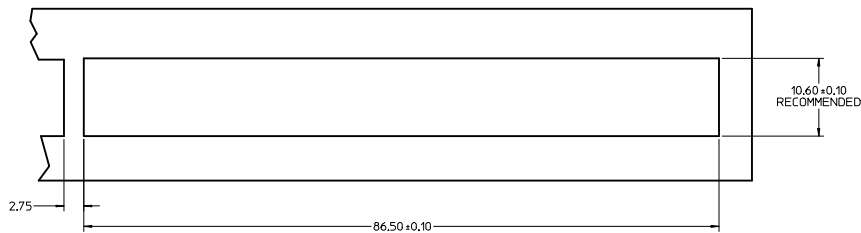
<b>SEE REVISION TABLE</b> EC NO: CPG2016-0786 DRAWN BY: DRINKWANG07 CHKDR: CHEN08 APPROVED BY: APPR: CHEN08	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED): <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.13</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.18</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±---</td> <td>±---</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.13	±---	1 PLACE	±0.18	±---	0 PLACE	±---	±---	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>6:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																					
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1 PLACE	±0.18	±---																						
0 PLACE	±---	±---																						
			DRAWN BY: KSI MONSO DATE: 2006/01/19	TITLE <b>SFP 1X6 GANGED CAGE ASSEMBLY, PRE-PLATED NICKEL</b>																				
			CHECKED BY: BRUSSELL DATE: 2006/01/19	<b>molex</b>																				
			APPROVED BY: BRUSSELL DATE: 2006/01/19	MATERIAL NO: <b>747470004</b>	DOCUMENT NO: <b>SD-74747-004</b>	SHEET NO. 2 OF 4																		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

ANGULAR ± 1 °

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



<b>SEE REVISION TABLE</b> IEC NO: CPG2016-0786 DRAWN BY: DRW:WANG07 2015/08/20 CHECKED BY: CHY:KAR:CHEN08 2015/08/21 APPR:R:CHEN08 2015/08/24 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ± --- ± ---	MM ONLY	4:1	METRIC	☉	
	▽=0	3 PLACES ± --- ± ---	mm INCH	DRAWN BY DATE	TITLE		
	▽=0	2 PLACES ± 0.13 ± ---	ANGULAR ± 1°	KS IMONSO 2006/01/19	SFP 1X6 GANGED CAGE ASSEMBLY, PRE-PLATED NICKEL		
	1 PLACE ± 0.18 ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY DATE	DOCUMENT NO.			
	0 PLACE ± ±		BRUSSELL 2006/01/19	SD-74747-004			
			APPROVED BY DATE	SHEET NO.			
			BRUSSELL 2006/01/19	3 OF 4			
			MATERIAL NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			747470004				

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

DATE (YEAR/MONTH/DAY)	REVISION	DESCRIPTION
2006/01/19	A	INITIAL RELEASED
2015/08/20	B	SHEET 1: E3: ADDED WELD POINT FIGURE. C18: DELETED CONTENT OF NOTE 1 'INSERTION FORCE INTO PCB: <100LBS.' A18: CHANGED NOTE 5 TO 'NO RoHS EXEMPTIONS.' CHANGED DIM 'AA X2' TO '2X AA' ALL POSITIONS IN THIS DRAWING. CHANGED UNIT TO MM ONLY. DELETED BELLY TO BELLY LAYOUT NOTE.

<b>SEE REVISION TABLE</b> EEC NO: CPG2016-0786 IDRW: NEMANG07 2015/08/20 CHYK: RCHEN08 2015/08/21 APPR: RCHEN08 2015/08/24	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>1:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.18 ± --- 0 PLACE ± ±	mm INCH	DRAWN BY KSI MONSO	DATE 2006/01/19	TITLE <b>SFP 1X6 GANGED CAGE ASSEMBLY, PRE-PLATED NICKEL</b>			
		ANGULAR ± 1 °		CHECKED BY BRUSSELL	DATE 2006/01/19	MATERIAL NO. <b>747470004</b>			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY BRUSSELL	DATE 2006/01/19	DOCUMENT NO. <b>SD-74747-004</b>	SHEET NO. <b>4 OF 4</b>		



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