



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!



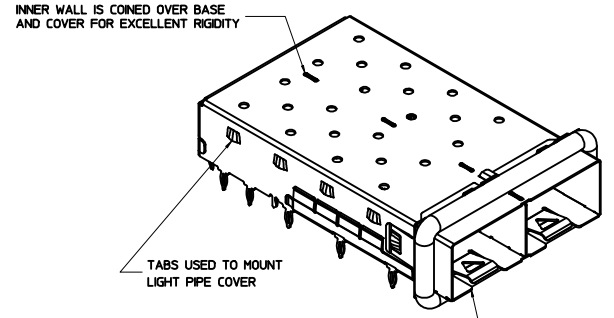
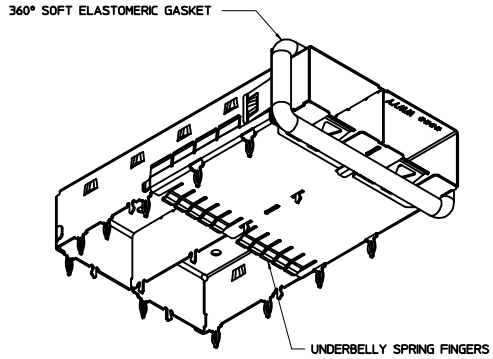
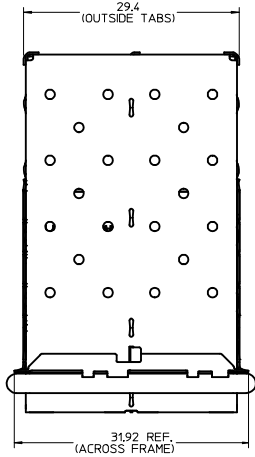
## Contact us

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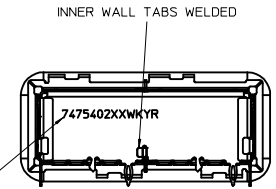
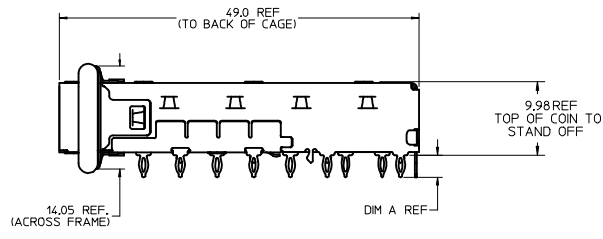
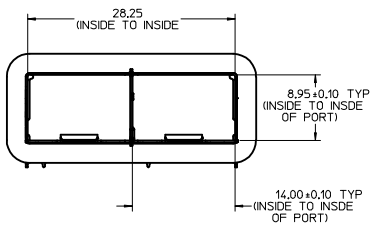
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DIMENSION FOR EACH INNER CAGE DESIGNED TO FUNCTION WITH SMALL FORM-FACTOR PLUGGABLE PLUS (SFP+) TRANSCEIVER



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON BACK OF CAGE APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

WEEK/YEAR DATE CODE			
WK	01 THRU 52	EXAMPLE: 01 = FIRST WEEK OF YEAR	52=LAST WEEK OF YEAR
YR	11, 12, 13, ETC.	EXAMPLE: 2013 = 13	

PART NUMBER	DIM A	MIN. PCB THICKNESS FOR SINGLE SIDED	MIN. PCB THICKNESS FOR BELLY TO BELLY	ELASTOMERIC GASKET FLAMMABILITY RATING
747540210	3.05	1.57	3.00	
747540212	2.28		2.28	
747540229	3.05		3.00	EQUATE TO UL94 V-0

- NOTES:
- MATERIAL:  
CAGE: NICKEL PLATED COPPER ALLOY, THICKNESS 0.25mm.  
EMI GASKET: CONDUCTIVE ELASTOMER O-RING.
  - OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE.
  - PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANCEIVERS.
  - NO RoHS EXEMPTIONS.

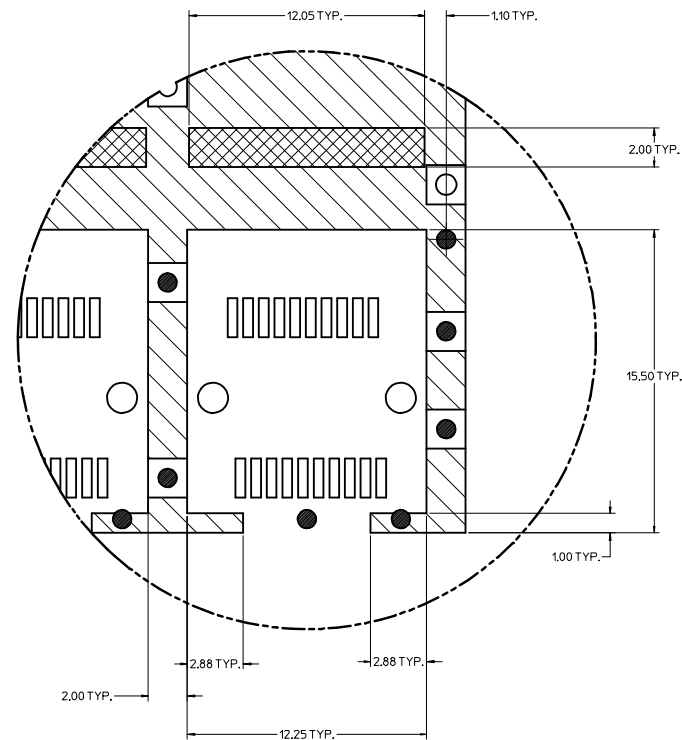
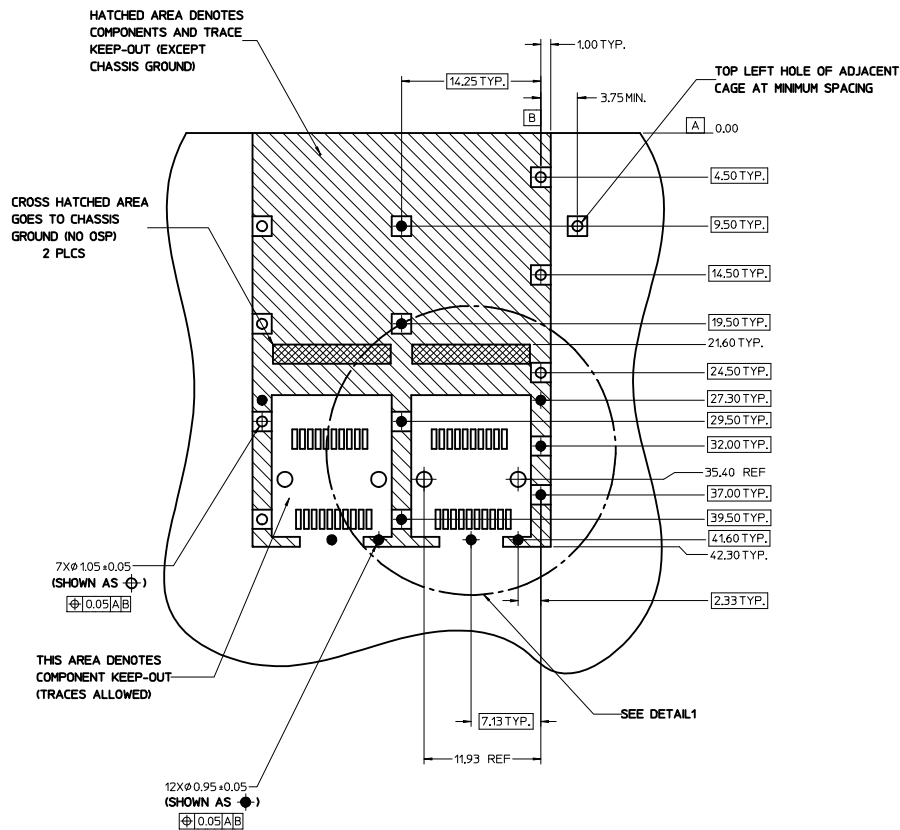
SEE REVISION TABLE		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
REV	DESCRIPTION	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
1	DRWN:LUZ0 2014/05/12	▽=0	4 PLACES ±.015	DRAWN BY DATE			
2	CHK:RCHEN08 2014/05/12	▽=0	3 PLACES ±.015	CHECKED BY DATE			
3	APP:RCHEN08 2014/07/10	▽=0	2 PLACES ±.025	APPROVED BY DATE			
			1 PLACE ±.025	BRUSSELL 5/14/07			
			0 PLACE ±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE P/N TABLE		MATERIAL NO. DOCUMENT NO.	
				SIZE D		SD-74754-0210	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

SFP+ 1X2 CAGE ASSY W/ ELASTOMER GASKET

**molex**

SHEET NO. 1 OF 5

# PCB LAYOUT FOR SINGLE SIDE MOUNT



DETAIL 1  
SCALE 8:1  
HOST CONNECTOR DETAIL

**NOTES:**

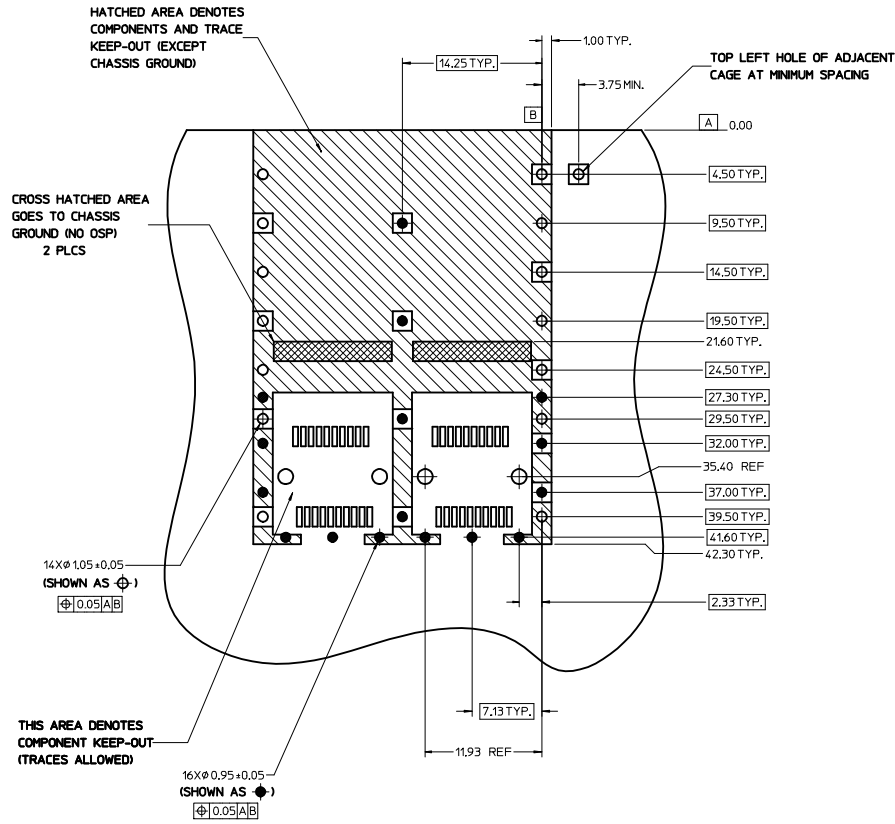
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

<b>SEE REVISION TABLE</b> EC NO: CPG2014-3461 DRAWN BY: DRWNLU20 CHECKED BY: CHYKORCHEN08 APPROVED BY: APPR:CHEN08 DATE: 2014/05/12 DATE: 2014/05/12 DATE: 2014/07/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm	MM ONLY	1:1	METRIC	☉
	▽=0	INCH	PSYTSMA	DATE	TITLE	
	▽=0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DATE	DATE	DATE	
		ANGULAR ±1/2°	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			SEE P/N TABLE	SD-74754-0210	2 OF 5	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

SFP+ 1X2 CAGE ASSY  
W/ ELASTOMER GASKET

**molex**

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



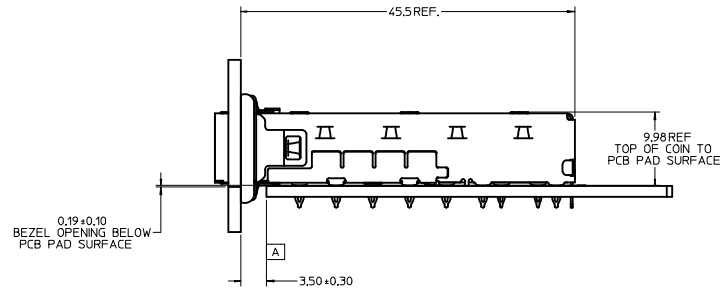
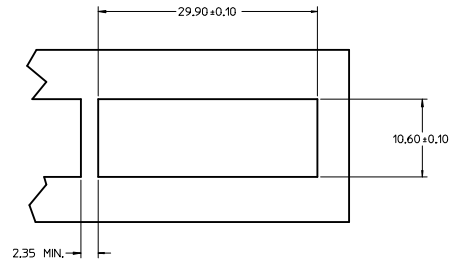
NOTE:  
SEE SHEET 2 FOR  
HOST CONNECTOR DETAIL

NOTES:

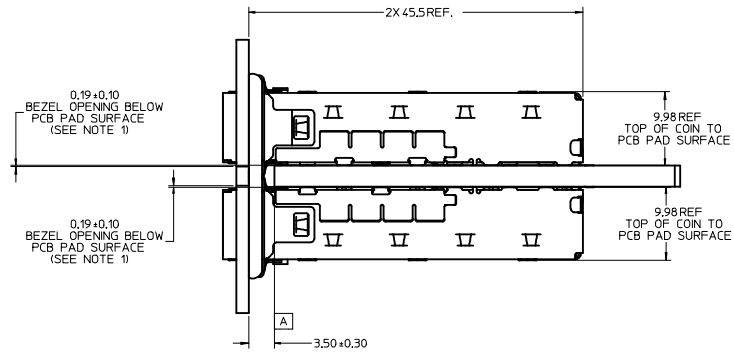
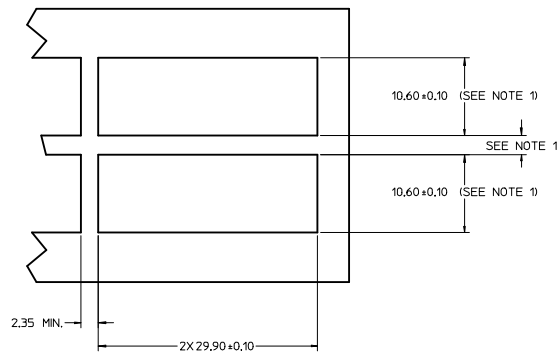
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE).
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

<b>SEE REVISION TABLE</b> IEC NO: CPG2014-3461 DRAWN BY: CHYKORCHEN08 CHECKED BY: APPRCHEN08 DATE: 2014/05/12 DATE: 2014/07/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	1:1	METRIC	☉
	▽=0	4 PLACES ±0.15	DRAWN BY: PSYTSMA	DATE: 5/14/07	TITLE: SFP+ 1X2 CAGE ASSY W/ ELASTOMER GASKET	
	▽=0	3 PLACES ±0.25	CHECKED BY: RMAHMOOD	DATE: 5/14/07	APPROVED BY: BRUSSELL	
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
	SEE P/N TABLE		SD-74754-0210	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  
(GASKET)



BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING  
(GASKET)



NOTE:  
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE, AND LOCATION.

<b>SEE REVISION TABLE</b> EC NO: CPG2014-3461 TDRWNLU20 2014/05/12 CHYKORCHEN08 2014/05/12 APPR:RCHEN08 2014/07/10	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 ± 0.15					
	▽=0	1 PLACE ± 0.25					
		ANGULAR ±1/2°					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
			DRAWN BY	DATE	TITLE		
			PSYTSMA	5/14/07	SFP+ 1X2 CAGE ASSY W/ ELASTOMER GASKET		
			CHECKED BY	DATE			
			RMAHMOOD	5/14/07			
			APPROVED BY	DATE			
			BRUSSELL	5/14/07			
			MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
			SEE P/N TABLE	SD-74754-0210	4 OF 5		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

REVISION HISTORY

DATE	REV	DESCRIPTION
05/12/2014	F	1. ADDED P/N 747540229. [SHT 1] 2. ADDED "MM 3D MODEL: EM-74754-0210" ON LEFT TOP CORNER. [SHT 1] 3. NOTE 4 CHANGED AS " NO RoHS EXEMPTIONS ". [SHT 1] 4. ADDED DIM 9.98 @F7. [SHT 1]

<p><b>SEE REVISION TABLE</b>                  EC NO: CPG2014-3461                  T: DRAWN: LUZO 2014/05/12                  CHKDR: CHEN08 2014/05/12                  APPR: CHEN08 2014/07/10</p>	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>±0.15</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.15	±---	1 PLACE	±0.25	±---	0 PLACE	±	±	DIMENSION STYLE MM ONLY	SCALE DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																				
	4 PLACES	±---	±---																				
3 PLACES	±---	±---																					
2 PLACES	±0.15	±---																					
1 PLACE	±0.25	±---																					
0 PLACE	±	±																					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: PSYTSM CHECKED BY: RMAHMOOD APPROVED BY: BRUSSELL	DATE: 5/14/07 DATE: 5/14/07 DATE: 5/14/07	TITLE: <b>SFP+ 1X2 CAGE ASSY W/ ELASTOMER GASKET</b>	MATERIAL NO. SEE P/N TABLE																		
	ANGULAR ±1/2°			DOCUMENT NO. <b>SD-74754-0210</b>	SHEET NO. 5 OF 5																		

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