

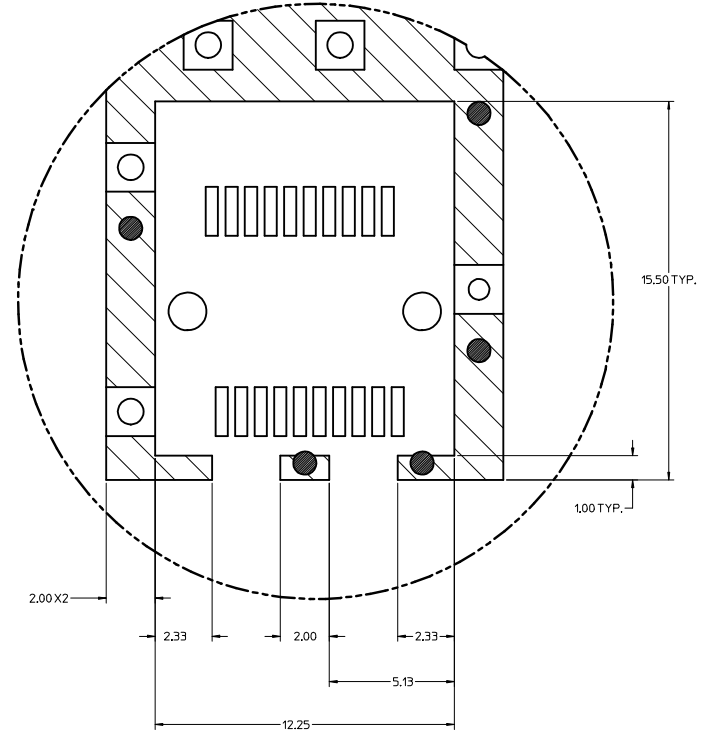
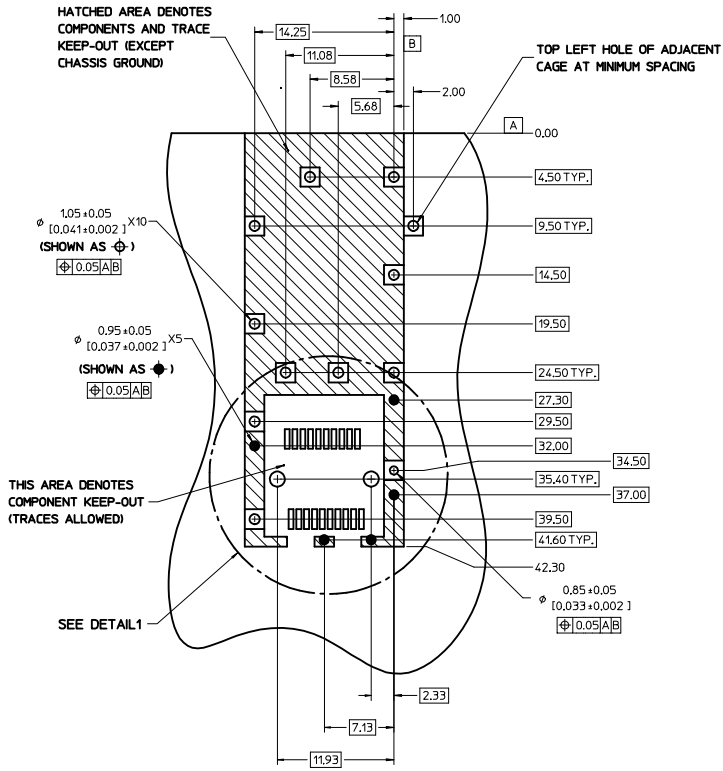
CAGE INFORMATION:  
 MATERIAL NUMBER AND DATE CODE:  
 WK - WEEK (01 THROUGH 52)  
 YR - LAST TWO DIGITS OF THE YEAR  
 (EXAMPLE: 2011 - 10)

- NOTES:**
- MATERIAL:**  
 CAGE: 0.25mm THICK COPPER ALLOY, NICKEL PLATED  
 SPRING FINGER: 0.10mm THICK COPPER ALLOY, NICKEL PLATED
  - PRESS FIT LEGS 2.28 [.090 INCH] LONG -**  
 1.57 [.062 INCH] MINIMUM PCB THICKNESS FOR SINGLE SIDED USE  
 3.00 [.118 INCH] MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE
  - OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE**
  - PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS**
  - LEAD FREE, NO RoHS EXEMPTIONS**

MOLEX P/N	WELD POINT	WELD PACKAGING
747540102	NO	TRAY
747548102	NO	TAPE & REEL

<b>ADDED PACKAGING</b> EC NO: CPG2013-0273 DRAWN: LERMIN 2012/07/16 CHKD: A JOHNSTON 2012/07/16 APPR: K LLOYD 2012/07/28 REV: DESCRIPTION	QUALITY SYMBOLS ∇=0 ∇=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>± .15</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .10</td> <td>± .004</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.15</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td>0 PLACE</td> <td>± .30</td> <td>± .012</td> </tr> </tbody> </table> ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± .15	± .005	3 PLACES	± .10	± .004	2 PLACES	± 0.15	± .005	1 PLACE	± 0.25	± .010	0 PLACE	± .30	± .012	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± .15	± .005																					
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0 PLACE	± .30	± .012																						
DRAWN BY: JRESENDE CHECKED BY: MA JOHNSTON APPROVED BY: K JANOTA	DATE: 2008/03/06 DATE: 2008/03/06 DATE: 2008/03/06	TITLE: SFP+ 1X1 CAGE ASSY, PRESS FIT, WITH EMI SPRING FINGERS	MATERIAL NO: SEE CHART	DOCUMENT NO: SD-74754-0102	SHEET NO: 1 OF 6	moxlex																		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								

PCB LAYOUT FOR SINGLE SIDE MOUNT



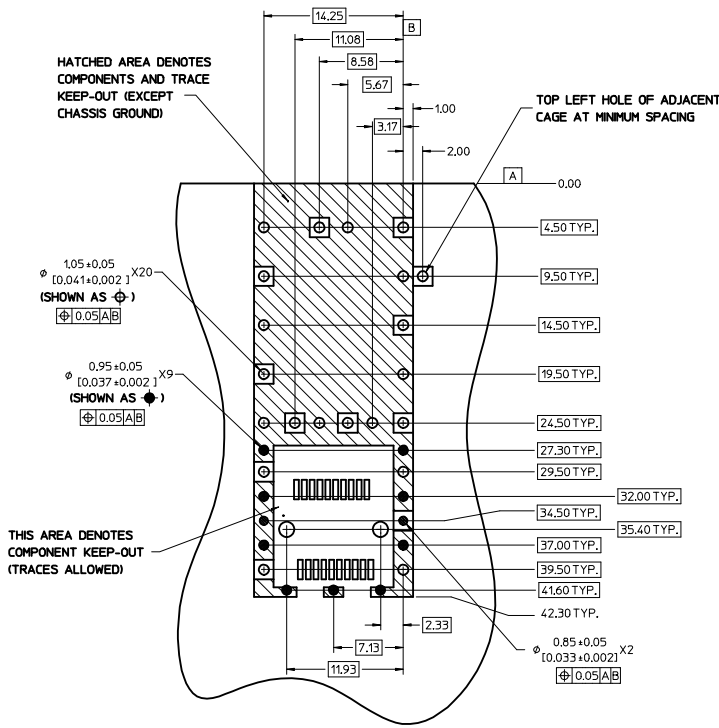
DETAIL1  
SCALE 10:1  
HOST CONNECTOR DETAIL

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.

<b>ADDED PACKAGING</b> EC NO: CPG2013-0273 DRAWN: ERWIN 2012/07/16 CHKD: JOHNSTON 2012/07/16 APPR: K LLOYD 2012/07/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---	MM ONLY 4:1 METRIC	DRAWN BY: JRESENDE CHECKED BY: MA JOHNSTON APPROVED BY: KJANOTA	DATE: 2008/03/06 DATE: 2008/03/06 DATE: 2008/03/06	TITLE: SFP+ 1X1 CAGE ASSY, PRESS FIT, WITH EMI SPRING FINGERS
	ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-74754-0102	SHEET NO. 2 OF 6		

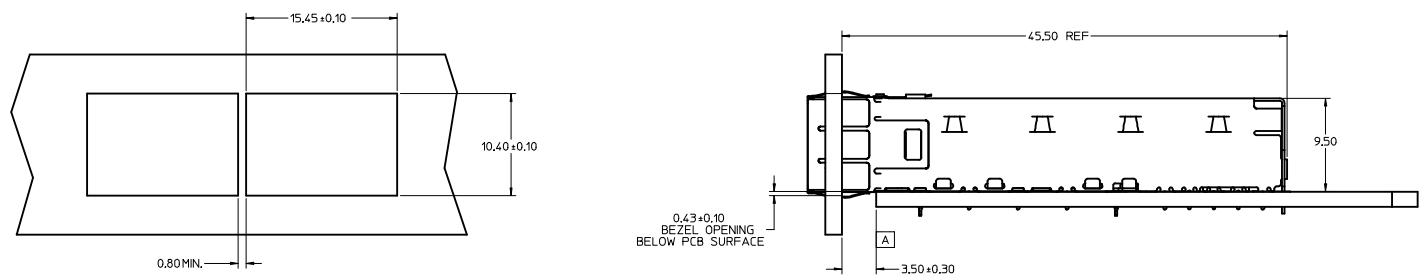
### PCB LAYOUT FOR BELLY TO BELLY MOUNTING



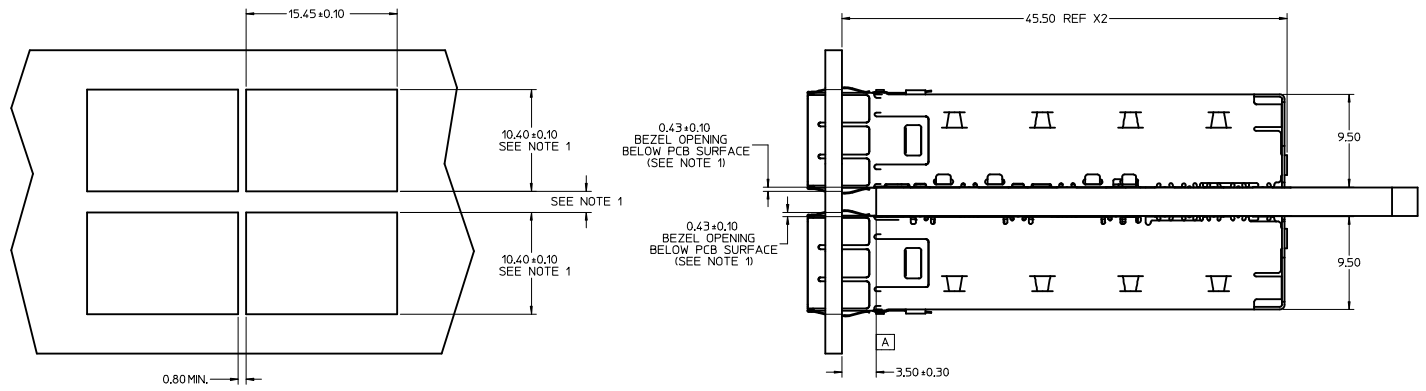
- NOTES:**
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
  2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
  3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

<b>ADDED PACKAGING</b> EC NO: CPG2013-0273 DRAWN: ERWIN 2012/07/16 CHECKED: JOHNSTON 2012/07/16 APPR: K LLOYD 2012/07/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY: JRESENDE	DATE: 2008/03/06	TITLE: SFP+ 1X1 CAGE ASSY, PRESS FIT, WITH EMI SPRING FINGERS	
	▽=0	3 PLACES ± --- ± ---	CHECKED BY: MA JOHNSTON	DATE: 2008/03/06	APPROVED BY: K JANOTA	
	ANGULAR ± 1 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
					SD-74754-0102	3 OF 6

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING  
(SPRING FINGER)



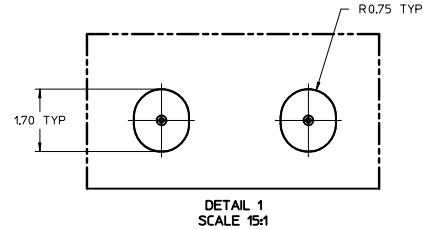
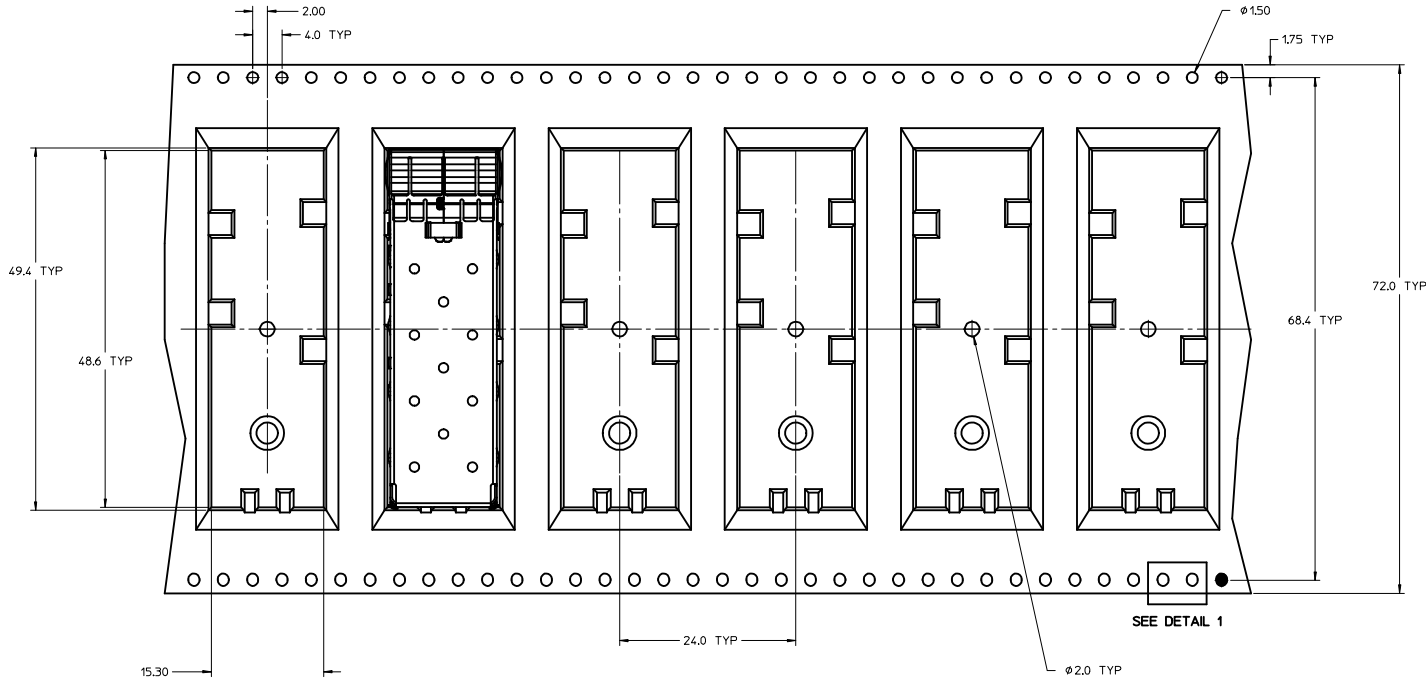
BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING  
(SPRING FINGER)



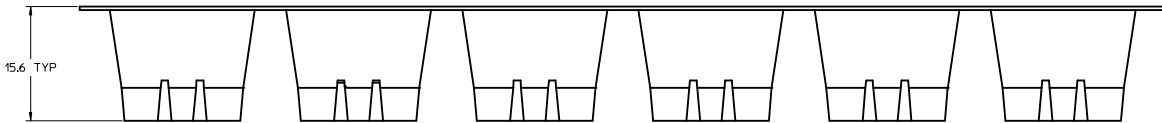
NOTES:  
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE, AND LOCATION.

<b>ADDED PACKAGING</b> IEC NO: CPG2013-0273 DRAWN BY: CHYKDA-JOHNSON 2012/07/16 CHECKED BY: APPR:K.LLOYD 2012/07/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY: JRESENDE DATE: 2008/03/06			TITLE
	▽=0	3 PLACES ± --- ± ---	CHECKED BY: MA.JOHNSTON DATE: 2008/03/06			SFP+ 1X1 CAGE ASSY, PRESS FIT, WITH EMI SPRING FINGERS
	ANGULAR ± 1 °	1 PLACE ± 0.15 ± ---	APPROVED BY: K.JANOTA DATE: 2008/03/06			<b>molex</b>
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	0 PLACE ± --- ± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			SEE CHART	SD-74754-0102	4 OF 6	
			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



TAPE FEED DIRECTION



<b>ADDED PACKAGING</b> EC NO: CPG2013-0273 DRAWN: ERMIN 2012/07/16 CHECKED: CHYKDA-JHNSON 2012/07/16 APPROVED: K-LLOYD 2012/07/28 APPR: K-LLOYD	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$	mm INCH	MM ONLY	3:1	METRIC		
	$\nabla=0$	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE			
	$\nabla=0$	3 PLACES ± --- ± ---	JRESENDE 2008/03/06	SFP+ 1X1 CAGE ASSY, PRESS FIT, WITH EMI SPRING FINGERS			
	2 PLACES ± 0.15 ± ---	CHECKED BY DATE	MATERIAL NO. DOCUMENT NO.				
	1 PLACE ± 0.25 ± ---	MA JOHNSTON 2008/03/06	747540102 SD-74754-0102				
	0 PLACE ± --- ± ---	APPROVED BY DATE	SHEET NO.				
		KJANOTA 2008/03/06	5 OF 6				
			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

