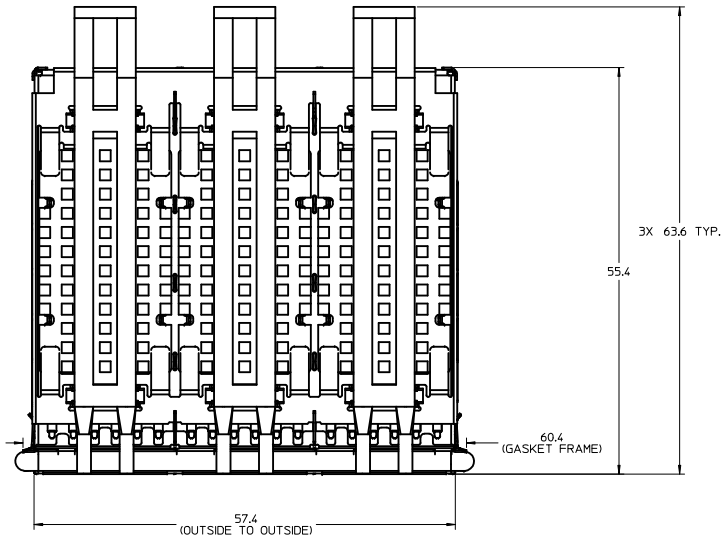
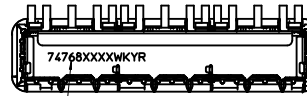
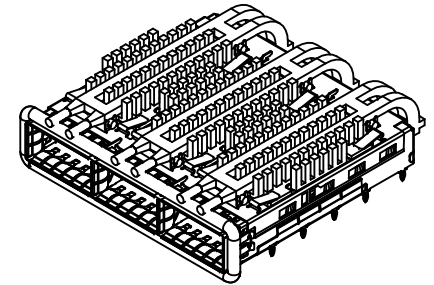


LIGHT PIPE IS REMOVED FOR CLARITY

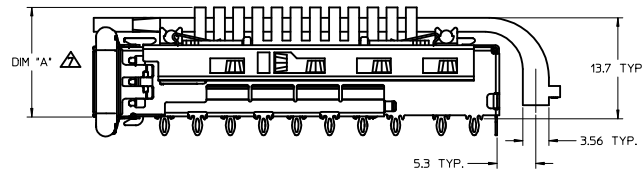


PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON BACK OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

WEEK/YEAR DATE CODE TABLE	
WEEK	01 THRU 52 EXAPLES: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YEAR	10, 11, 12 ETC. EXAMPLE: YEAR 2010 = 10



CAGE ASSEMBLY WITH SAN HEATSINK AND DUAL LIGHT PIPE



OVERALL HEATSINK HEIGHT	DIM 'A'
PCI	13.7
SAN	16.0
NET	23.0

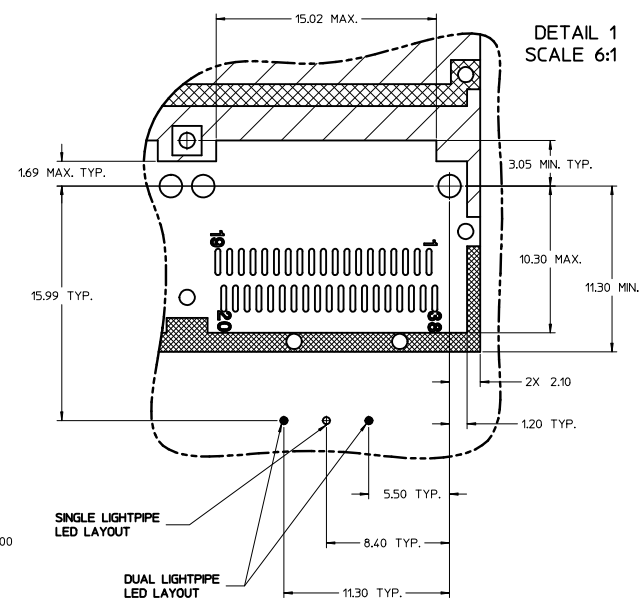
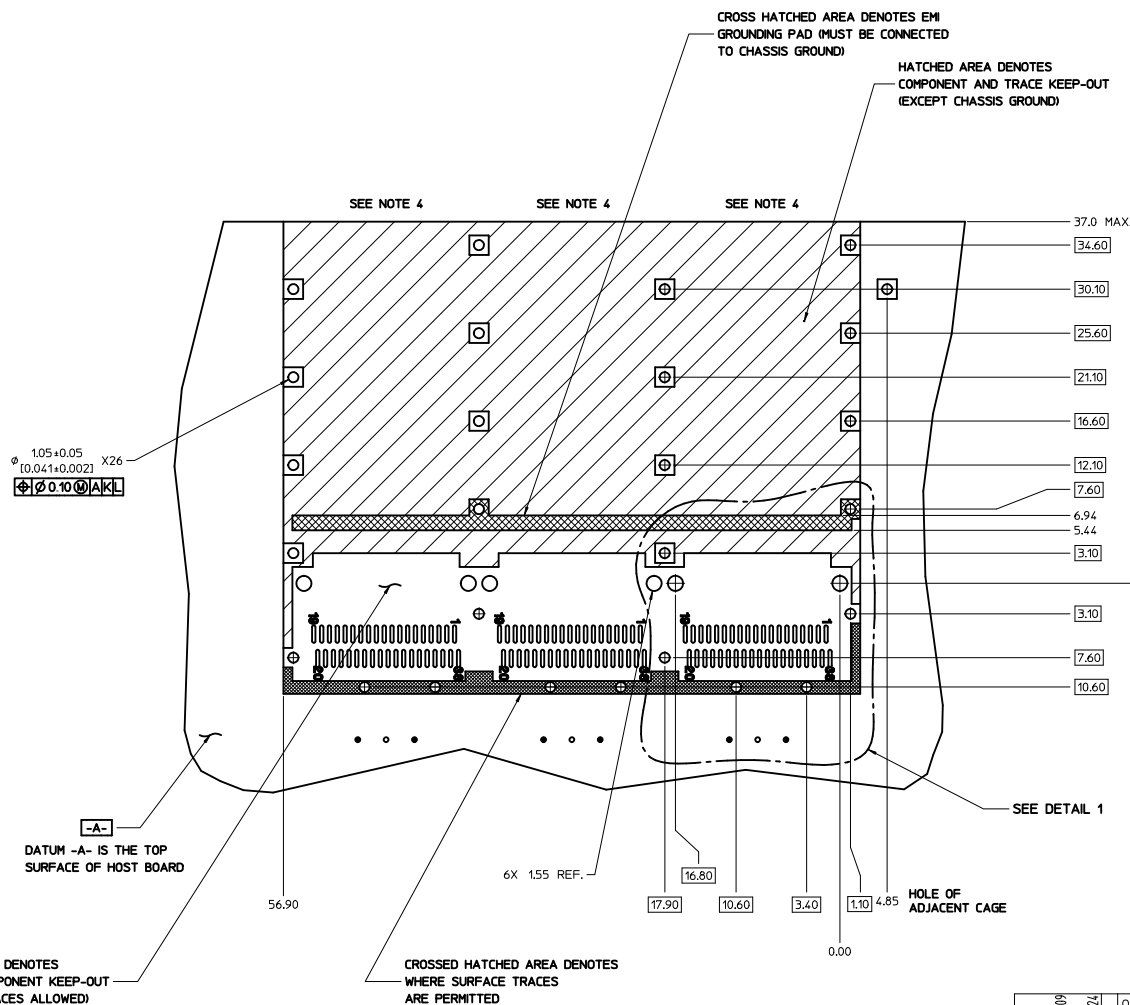
MOLEX P/N	DESCRIPTION	LP	HS	# OF REAR LEGS PER PORT
747680501	1X3 QSFP+ CAGE W/ HEATSINK & LIGHTPIPE ASSEMBLY	SINGLE	SAN	2
747680502	1X3 QSFP+ CAGE W/ HEATSINK & LIGHTPIPE ASSEMBLY	SINGLE	NET	2
747680503	1X3 QSFP+ CAGE W/ HEATSINK & LIGHTPIPE ASSEMBLY	DUAL	SAN	2
747680504	1X3 QSFP+ CAGE W/ HEATSINK & LIGHTPIPE ASSEMBLY	DUAL	NET	2
747680505	1X3 QSFP+ CAGE W/ HEATSINK ASSEMBLY	N/A	PCI	2
747680506	1X3 QSFP+ CAGE W/ HEATSINK ASSEMBLY	N/A	SAN	2
747680507	1X3 QSFP+ CAGE W/ HEATSINK ASSEMBLY	N/A	NET	2
747680511	1X3 QSFP+ CAGE W/ HEATSINK & LIGHTPIPE ASSEMBLY	DUAL	PCI	2
747680601	1X3 QSFP+ CAGE W/ HEATSINK & LIGHTPIPE ASSEMBLY	SINGLE	SAN	0
747680602	1X3 QSFP+ CAGE W/ HEATSINK & LIGHTPIPE ASSEMBLY	SINGLE	NET	0
747680603	1X3 QSFP+ CAGE W/ HEATSINK & LIGHTPIPE ASSEMBLY	DUAL	SAN	0
747680604	1X3 QSFP+ CAGE W/ HEATSINK & LIGHTPIPE ASSEMBLY	DUAL	NET	0
747680605	1X3 QSFP+ CAGE W/ HEATSINK ASSEMBLY	N/A	PCI	0
747680606	1X3 QSFP+ CAGE W/ HEATSINK ASSEMBLY	N/A	SAN	0
747680607	1X3 QSFP+ CAGE W/ HEATSINK ASSEMBLY	N/A	NET	0

NOTES:

- QSFP+ ASSEMBLES ALSO AVAILABLE AND 1X2 (74767 SERIES) AND 1X4 (74769 SERIES) CONFIGURATIONS.
- MATERIAL:
COVER/CLIP: STAINLESS STEEL
LIGHT PIPES: POLYCARBONATE (94-V0 RATED)
HEAT SINKS: ALUMINUM
CAGE: COPPER ALLOY
- FOR CAGE DETAIL, SEE MOLEX DRAWINGS SD-74768-0212
- PCI OPTION - NOT AVAILABLE WITH LIGHTPIPES AND HEATSINKS INSTALLED.
LIGHTPIPE CLIP AND HEATSINKS MUST BE INSTALLED AFTER CAGE INSTALLATION.
- THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)
- CUSTOM HEATSINKS AVAILABLE UPON REQUEST
- HEIGHT OF HEATSINK WITH MODULE INSERTED. DIMENSION MAY BE LESS DUE TO MODULE AND HEATSINK VARIATIONS.

FIX DIM PLACEMENT EC NO: CPG2012-0669 DRAWN: PRATT CHKD: APPROVAL: KLOYD REV	DESCRIPTION 2012/02/09 2012/05/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><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 colspan="3">ANGULAR ± 1 °</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.15	± ---	1 PLACE	± 0.25	± ---	ANGULAR ± 1 °			DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	DRAWN BY JERWIN DATE 2011/05/11	CHECKED BY CHIRSCHY DATE 2011/05/11	APPROVED BY DATE	MATERIAL NO. DOCUMENT NO.	SHEET NO. 1 OF 4
					mm	INCH																								
				4 PLACES	± ---	± ---																								
				3 PLACES	± ---	± ---																								
				2 PLACES	± 0.15	± ---																								
				1 PLACE	± 0.25	± ---																								
				ANGULAR ± 1 °																										
				TITLE QSFP+ 1X3 GANGED CAGE FULLY ASSEMBLED																										
				 MOLEX INCORPORATED																										
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																										
SEE TABLE																														
SD-74768-0501																														
SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																														

PCB LAYOUT FOR SINGLE SIDED MOUNTING

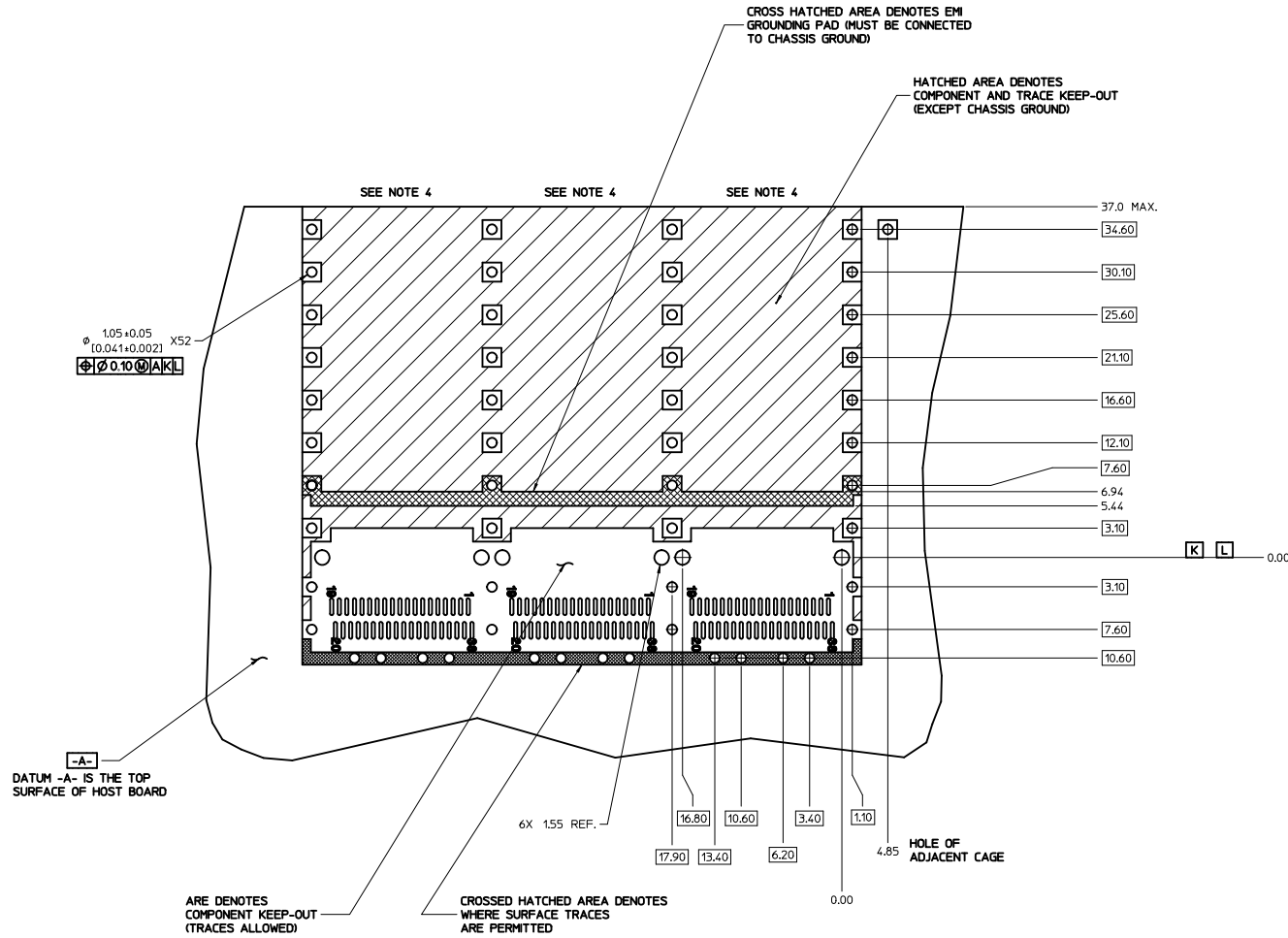


NOTES:

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 QSFP MSA WILL ACCOMMODATE MOLEX CONNECTOR 75586-0010 OR 75586-0011.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 19.00 [0.748].
5. LED SHOULD BE PLACED RELATIVE TO THE QSFP CONNECTOR POST HOLES

FIX DIM PLACEMENT IEC NO: CPG2012-0669 DRAWN BY: JERWIN CHKD: CHIRSCHY APPR: KLOYD DATE: 2012/02/09 DATE: 2012/05/11	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm INCH		DRAWN BY JERWIN	DATE 2011/05/11	TITLE QSFP+ 1X3 GANGED CAGE FULLY ASSEMBLED			
			4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± ---		CHECKED BY CHIRSCHY	DATE 2011/05/11	MOLEX MOLEX INCORPORATED			
			ANGULAR ± 1 °		APPROVED BY	DATE		MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-74768-0501	SHEET NO. 2 OF 4
			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					

PCB LAYOUT FOR BELLY TO BELLY MOUNTING

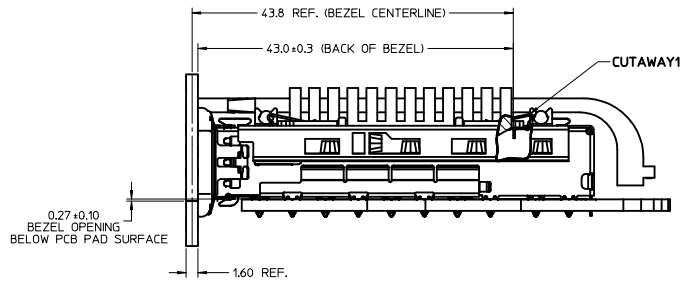


NOTE:
SEE SHEET 2 FOR
HOST CONNECTOR AND
LED LOCATION DETAILS

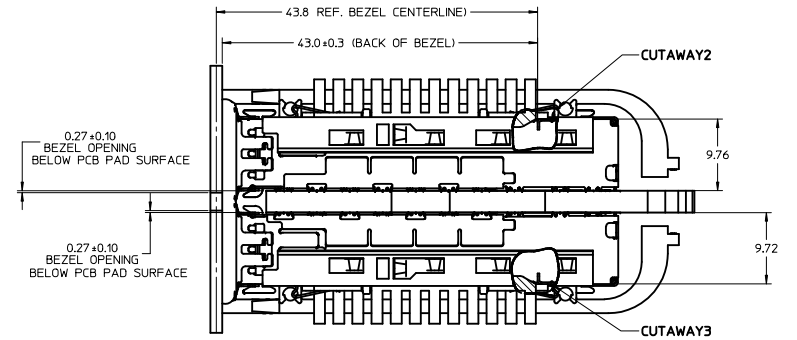
- NOTES:
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
 2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 3. CONNECTOR PAD LAYOUT PER QSFP MSA WILL ACCOMMODATE MOLEX CONNECTOR 75586-0010 OR 75586-0011.
 4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 19.00 [0.748].

FIX DIM PLACEMENT EC NO: CPG2012-0669 DRAWN: PRATT CHKD: LLOYD APPR: LLOYD	2012/02/09 2012/05/24	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE QSFP+ 1X3 GANGED CAGE FULLY ASSEMBLED			
				mm	INCH	DRAWN BY DATE JERWIN 2011/05/11							
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY DATE CHIRSCHY 2011/05/11								
			2 PLACES ± 0.15 ± ---	1 PLACE ± 0.25 ± ---	APPROVED BY DATE								
			ANGULAR ± 1 °										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE					DOCUMENT NO. SD-74768-0501	SHEET NO. 3 OF 4	
			SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

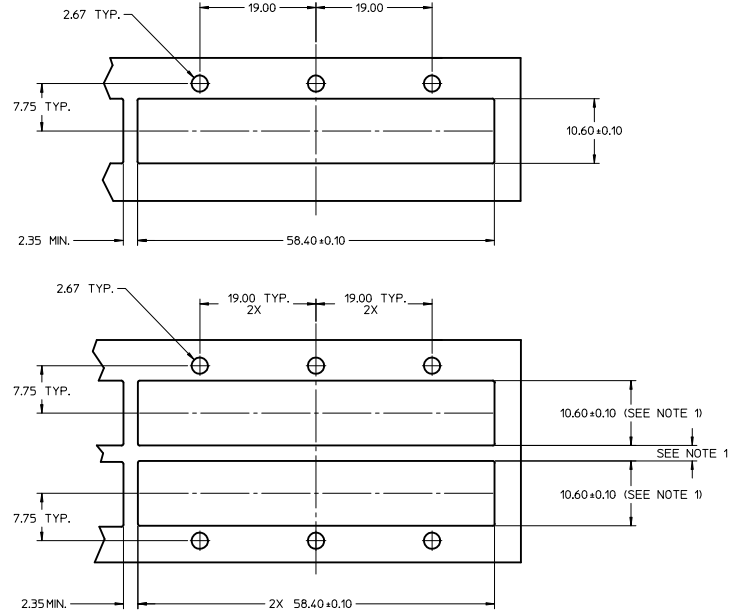
BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



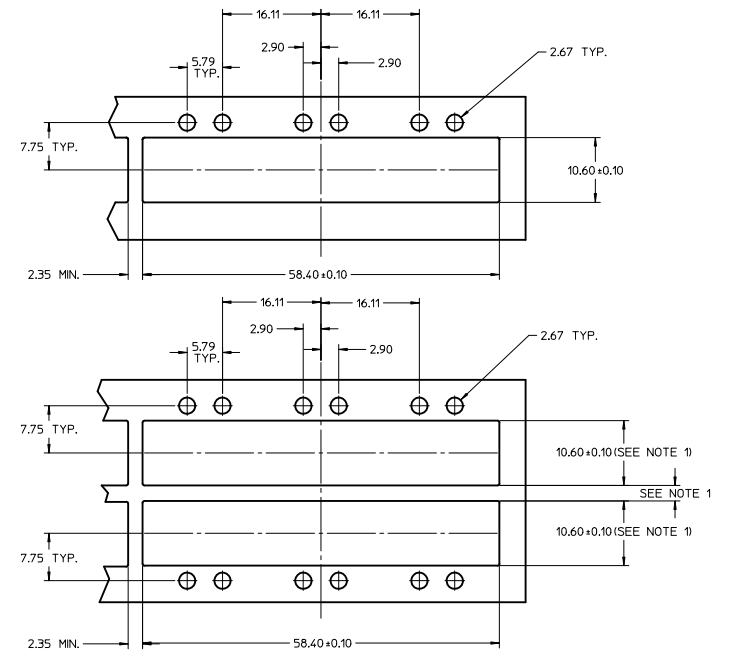
BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



SINGLE LIGHT PIPE



DUAL LIGHT PIPE



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

FIX DIM PLACEMENT IEC NO: CPG2012-0669 DRAWN: PRATT CHKD: APPROVAL: K LLOYD 2012/05/14	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE QSFP+ 1X3 GANGED CAGE FULLY ASSEMBLED		
						DRAWN BY JERWIN	DATE 2011/05/11						
						CHECKED BY CHIRSCHY	DATE 2011/05/11						
						APPROVED BY	DATE						
									 MOLEX INCORPORATED				
						MATERIAL NO. SEE TABLE			DOCUMENT NO. SD-74768-0501			SHEET NO. 4 OF 4	
						SIZE D			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							