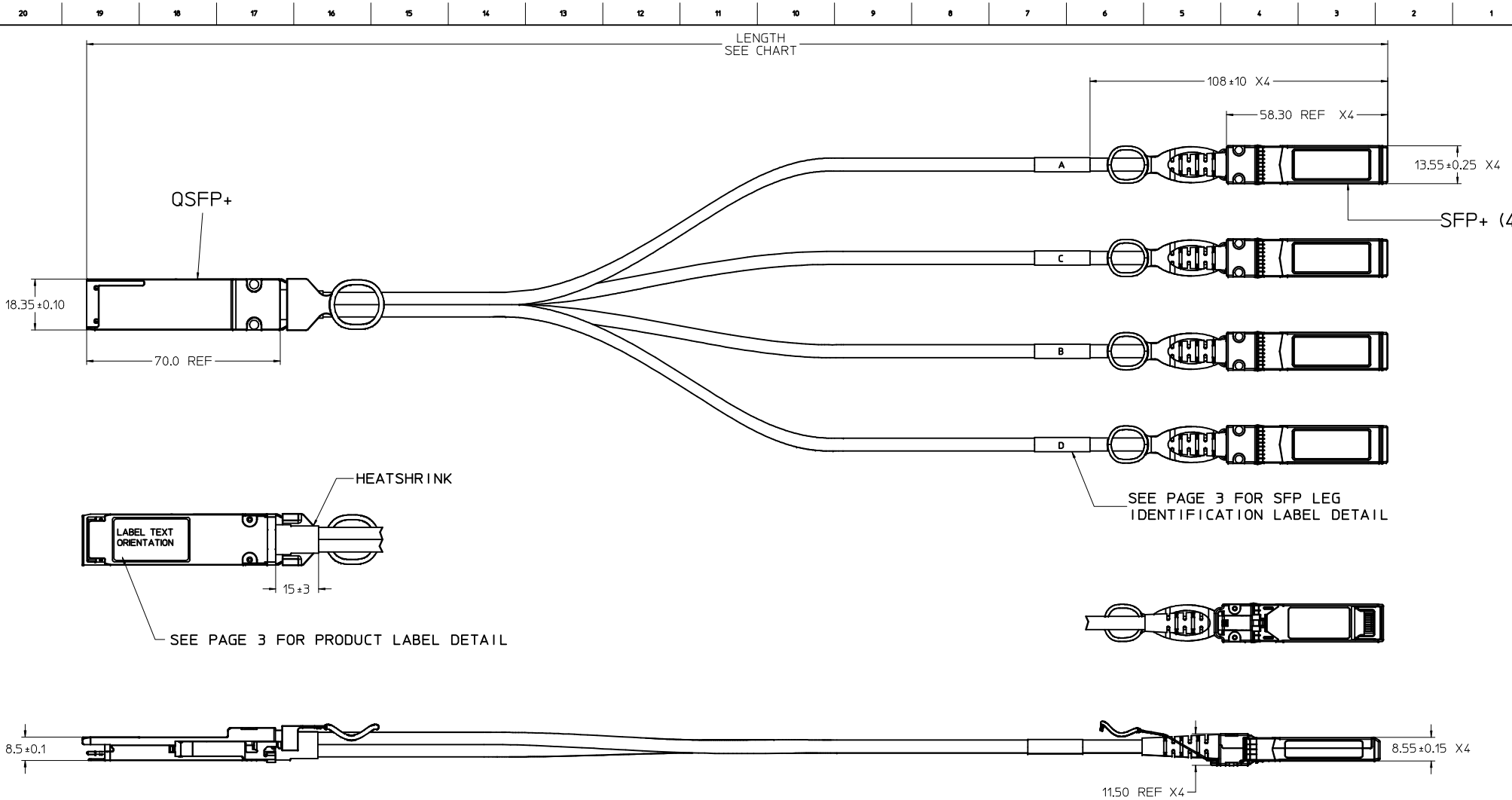




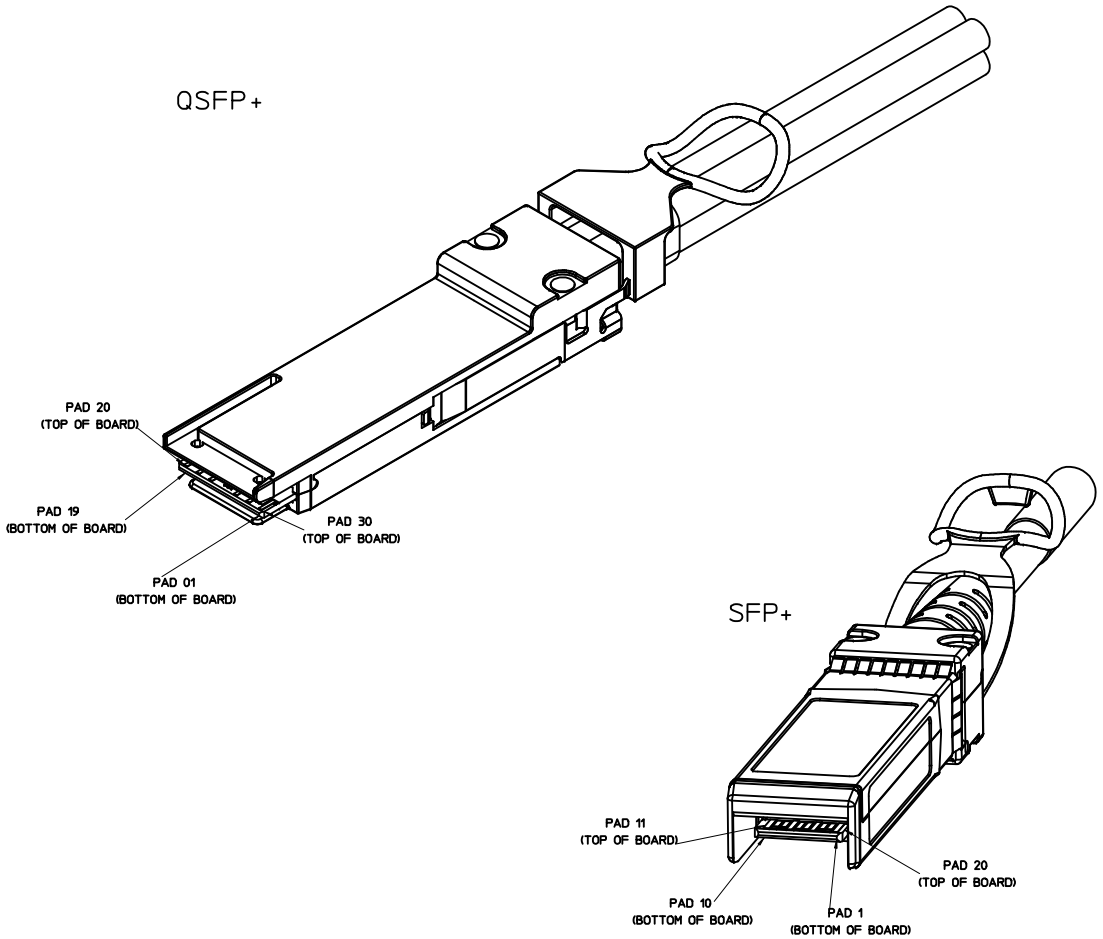
NOTES:

1. MATERIALS:
 - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
 - DELATCH - STAINLESS STEEL AND ZYTEL
 - PCB - FR4
 - RIVETS - STAINLESS STEEL
2. IMPEDANCE - 100 OHMS DIFFERENTIAL
3. LEAD FREE, NO RoHS EXEMPTIONS

ADDED P/N'S EC NO: CPG2013-0508 DRAWN BY: B. GARDIELLA CHKD: APPR: R. KHAN REV: 2012/08/27	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 1.25:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	SHEET NO. 1 OF 4
		mm		INCH		DRAWN BY BCHEN06_USY	DATE 2010/10/18	TITLE QSFP+ TO (4) SFP+ 10G PASSIVE CABLE ASSEMBLY molex			
		3 PLACES		±		CHECKED BY KLLOYD	DATE 2010/10/18				
		2 PLACES		±		APPROVED BY RMAHMOOD	DATE 2010/10/28				
		1 PLACE		±		MATERIAL NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ±	0 PLACE		±		DOCUMENT NO. SD-74764-001					
		0 PLACE		±		SIZE D		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

WIRING DIAGRAM				
QSFP+		SFP+		
PAD	SIGNAL	SIGNAL	PAD	PLUG
38	GND	GND		A
37	TX1-	RD-	12	
36	TX1+	RD+	13	
16	GND	GND		
17	RX1+	TD+	18	
18	RX1-	TD-	19	B
04	GND	GND		
02	TX2-	RD-	12	
03	TX2+	RD+	13	
23	GND	GND		
22	RX2+	TD+	18	C
21	RX2-	TD-	19	
35	GND	GND		
34	TX3-	RD-	12	
33	TX3+	RD+	13	
13	GND	GND		D
14	RX3+	TD+	18	
15	RX3-	TD-	19	
07	GND	GND		
05	TX4-	RD-	12	
06	TX4+	RD+	13	
26	GND	GND		
25	RX4+	TD+	18	
24	RX4-	TD-	19	



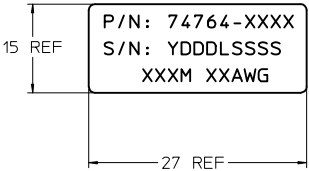
LOW SPEED SIGNALS	
QSFP+	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

LOW SPEED SIGNALS	
SFP+	
PAD	SIGNAL
02	Tx_Fault
03	Tx_Disable
04	SDA
05	SCL
06	Mod_ABS
07	RS0
08	Rx_LOS
09	RS1
15	VccR
16	VccT

ADDED P/N'S EC NO: CPG2013-0508 DRAWING: B. CHEN CHKD: K. LLOYD APPR: R. MOHAMMAD REV	DESCRIPTION 2012/08/14 2012/08/27	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE QSFP+ TO (4) SFP+ 10G PASSIVE CABLE ASSEMBLY molex
			mm		INCH					
			4 PLACES ± --- ± ---		8CHEN06_USY 2010/10/18					
			3 PLACES ± --- ± ---		CHECKED BY DATE					
			2 PLACES ± --- ± ---		K.LLOYD 2010/10/18					
			1 PLACE ± --- ± ---		APPROVED BY DATE					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 4	
SIZE D			SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-74764-001			

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

PRODUCT LABEL DETAIL

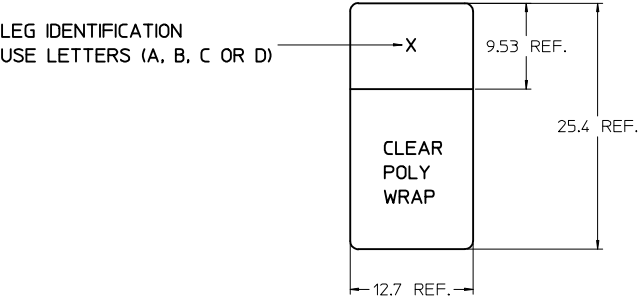


YDDDLSSSS
Y---YEAR, LAST DIGIT OF THE YEAR
DDD---DAY OF THE YEAR
L---LOCATION CODE (1=LR, 2=GDL, 3=DG)
SSSS---SERIAL NUMBER

XXXM---LENGTH AS SHOWN IN CHART
XXAWG---AWG SIZE

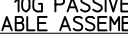
MOLEX P/N	LENGTH	TOL .	AWG
747641051	0.5M	±0.03M	30
747641101	1.0M	±0.05M	30
747641201	2.0M	±0.05M	30
747641301	3.0M	±0.05M	30
747641401	4.0M	±0.05M	30
747642201	2.0M	±0.05M	28
747642301	3.0M	±0.05M	28
747642331	3.3M	±0.05M	28
747642351	3.5M	±0.05M	28
747642371	3.7M	±0.05M	28
747642401	4.0M	±0.05M	28
747642501	5.0M	±0.05M	28

SFP LEG IDENTIFICATION LABEL DETAIL



ADDED P/N'S EC NO. CPG2013-0508 DRAWN: GARDIELLA CHKD: APPR: RWK/HAN REV	DESCRIPTION 2012/08/14 2012/08/27	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE QSFP+ TO (4) SFP+ 10G PASSIVE CABLE ASSEMBLY molex DOCUMENT NO. SD-74764-001	SHEET NO. 3 OF 4	
			mm		INCH		DRAWN BY BCHEN06_USY		DATE 2010/10/18			
			4 PLACES ± --- ± ---		CHECKED BY KLLOYD		DATE 2010/10/18					
			3 PLACES ± --- ± ---		APPROVED BY RMAHMOOD		DATE 2010/10/28					
			2 PLACES ± --- ± ---		MATERIAL NO.		SEE CHART					
			1 PLACE ± --- ± ---		ANGULAR ± --- °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
			0 PLACE ± ±		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

REVISION HISTORY		
DATE	REV	DESCRIPTION
2010-10-18	A	INITIAL RELEASE
2012-08-14	B	1. ADDED P/N'S 747642331, 747642351, 747642371.
		2. MOVED WIRING DIAGRAM FROM PAGE 1 TO PAGE 2 AND ADDED LOW SPEED SIGNAL CHARTS
		3. MOVED LABEL DETAIL TO PAGE 3
		4. INCREASED SIZE OF VIEW ON PAGE 1.
		5. ADDED NEW VIEW OF SFP+ TO SHOW PCB. PAGE 2
		6. ADDED PAD NUMBERING TO SFP+ AND QSFP+ VIEWS. PAGE 2

ADDED P/N'S EC NO: CPG2013-0508 DRAWN:GBARELLA 2012/08/14 CHKD: APPR:RWK/HAN 2012/08/27	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></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>±---</td><td>±---</td></tr><tr><td>1 PLACE</td><td>±---</td><td>±---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±---	±---	0 PLACE	±	±	DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH																				
			4 PLACES	±---	±---																				
			3 PLACES	±---	±---																				
			2 PLACES	±---	±---																				
			1 PLACE	±---	±---																				
			0 PLACE	±	±																				
			DRAWN BY BCHEN06_USY		DATE 2010/10/18	TITLE QSFP+ TO (4) SFP+ 10G PASSIVE CABLE ASSEMBLY																			
			CHECKED BY KLLOYD		DATE 2010/10/18																				
			APPROVED BY RMAHMOOD		DATE 2010/10/28																				
ANGULAR ±---°		MATERIAL NO.	DOCUMENT NO.			SHEET NO.																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART			SD-74764-001		4 OF 4																		
SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								