

NOTES:

- MATERIALS**
HOUSINGS: ZINC DIE CAST WITH BRIGHT NICKEL PLATING
CONTACTS: GOLD FLASH OVER NICKEL PLATING
PULL: NYLON
- LENGTH: SEE TABLE**
- CHARACTERISTIC DIFFERENTIAL IMPEDANCE: 100 OHMS**
- CABLE ASSEMBLIES MEET UL94-V0 PER FILE E72548 VOL. 1**
- CABLE JACKETS ARE CL2 RATED**
- MATING CONNECTORS**
CXP: MOLEX P/N 761050584
QSFP: MOLEX P/N 755860010, 755860011, 755860014
- RoHS COMPLIANT, NO EXEMPTIONS**

MOLEX P/N	LENGTH	AWG
1110251300	0.5M	30
1110251301	1.0M	30
1110251302	2.0M	30
1110251303	3.0M	28
1110251304	4.0M	26
1110251305	5.0M	26
1110251306	6.0M	26
1110251307	7.0M	26
1110251308	8.0M	26
1110251310	10.0M	26

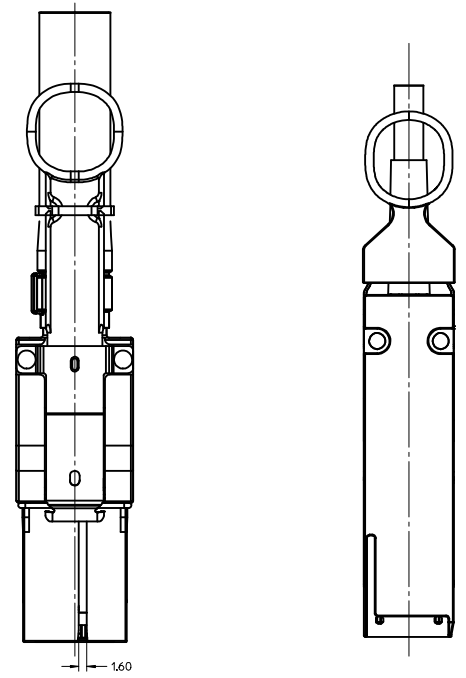
SEE REVISION TABLE EC NO: CPG2015-1744 DRAWN BY: 2014/09/26 CHKDCID: 2014/09/26 APPROVAL: 2014/09/30 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	4 PLACES ±---+--- 3 PLACES ±---+--- 2 PLACES ±0.13+--- 1 PLACE ±0.25+--- 0 PLACE ±---+---	MM ONLY	1:1	METRIC	☉ THIRD ANGLE PROJECTION
		mm INCH DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: KWEBER CHECKED BY: DDOYE APPROVED BY: DDOYE DATE: 2009/02/27 DATE: 2009/02/27 DATE: 2009/02/27			TITLE: CXP-TO-QSFP SPLITTER CABLE ASSEMBLY PASSIVE molex
			MATERIAL NO. SEE P/N TABLE DOCUMENT NO. SD-111025-1300			SHEET NO. 1 OF 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

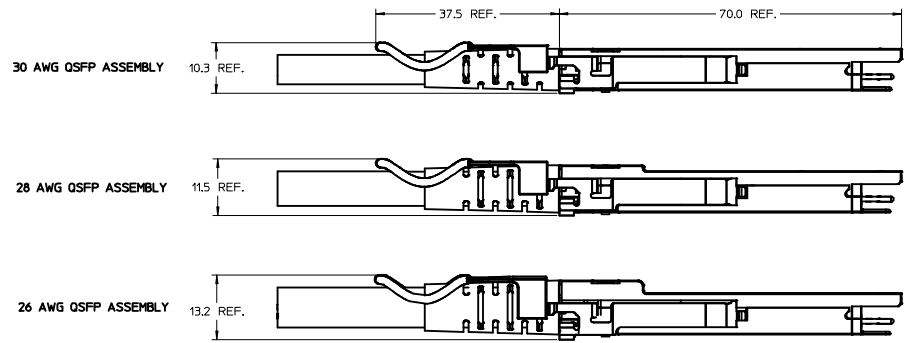
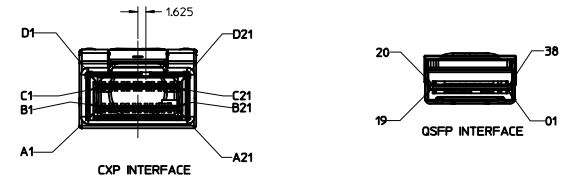
CXP								OSFP								CXP								OSFP								CXP								OSFP							
P4				P1				P4				P2				P4				P3				P4				P3																			
PIN	F	SIGNAL	TYPE	PIN	F	SIGNAL	TYPE	PIN	F	SIGNAL	TYPE	PIN	F	SIGNAL	TYPE	PIN	F	SIGNAL	TYPE	PIN	F	SIGNAL	TYPE	PIN	F	SIGNAL	TYPE	PIN	F	SIGNAL	TYPE	PIN	F	SIGNAL	TYPE												
B1	L	GND	C C	19	L	GND		B7	L	GND	C C	19	L	GND		B13	L	GND	C C	19	L	GND		B19	L	GND	C C	19	L	GND																	
B2	S	TX0p	----->	17	S	RX1p		B8	S	TX4p	----->	17	S	RX1p		B14	S	TX8p	----->	17	S	RX1p		B20	M	VCC3.3-Tx	nc	nc	31	S	LPMode																
B3	S	TX0n	----->	18	S	RX1n		B9	S	TX4n	----->	18	S	RX1n		B15	S	TX8n	----->	18	S	RX1n		B21	M	VCC12-Tx	nc	nc	30	M	Vcc1																
A1	L	GND	C C	23	L	GND		A7	L	GND	C C	23	L	GND		A13	L	GND	C C	23	L	GND		D20	M	VCC3.3-Rx	nc	nc	29	M	VccTx																
A2	S	TX1p	----->	22	S	RX2p		A8	S	TX5p	----->	22	S	RX2p		A14	S	TX9p	----->	22	S	RX2p																									
A3	S	TX1n	----->	21	S	RX2n		A9	S	TX5n	----->	21	S	RX2n		A15	S	TX9n	----->	21	S	RX2n																									
B4	L	GND	C C	16	L	GND		B10	L	GND	C C	16	L	GND		B16	L	GND	C C	16	L	GND																									
B5	S	TX2p	----->	14	S	RX3p		B11	S	TX6p	----->	14	S	RX3p		B17	S	TX10p	----->	14	S	RX3p																									
B6	S	TX2n	----->	15	S	RX3n		B12	S	TX6n	----->	15	S	RX3n		B18	S	TX10n	----->	15	S	RX3n																									
A4	L	GND	C C	26	L	GND		A10	L	GND	C C	26	L	GND		A16	L	GND	C C	26	L	GND																									
A5	S	TX3p	----->	25	S	RX4p		A11	S	TX7p	----->	25	S	RX4p		A17	S	TX11p	----->	25	S	RX4p																									
A6	S	TX3n	----->	24	S	RX4n		A12	S	TX7n	----->	24	S	RX4n		A18	S	TX11n	----->	24	S	RX4n																									
D1	L	GND	C C	38	L	GND		D7	L	GND	C C	38	L	GND		D13	L	GND	C C	38	L	GND																									
D2	S	RX0p	----->	36	S	TX1p		D8	S	RX4p	----->	36	S	TX1p		D14	S	RX8p	----->	36	S	TX1p																									
D3	S	RX0n	----->	37	S	TX1n		D9	S	RX4n	----->	37	S	TX1n		D15	S	RX8n	----->	37	S	TX1n																									
C1	L	GND	C C	04	L	GND		C7	L	GND	C C	04	L	GND		C13	L	GND	C C	04	L	GND																									
C2	S	RX1p	----->	03	S	TX2p		C8	S	RX5p	----->	03	S	TX2p		C14	S	RX9p	----->	03	S	TX2p																									
C3	S	RX1n	----->	02	S	TX2n		C9	S	RX5n	----->	02	S	TX2n		C15	S	RX9n	----->	02	S	TX2n																									
D4	L	GND	C C	35	L	GND		D10	L	GND	C C	35	L	GND		D16	L	GND	C C	35	L	GND																									
D5	S	RX2p	----->	33	S	TX3p		D11	S	RX6p	----->	33	S	TX3p		D17	S	RX10p	----->	33	S	TX3p																									
D6	S	RX2n	----->	34	S	TX3n		D12	S	RX6n	----->	34	S	TX3n		D18	S	RX10n	----->	34	S	TX3n																									
C4	L	GND	C C	07	L	GND		C10	L	GND	C C	07	L	GND		C16	L	GND	C C	07	L	GND																									
C5	S	RX3p	----->	06	S	TX4p		C11	S	RX7p	----->	06	S	TX4p		C17	S	RX11p	----->	06	S	TX4p																									
C6	S	RX3n	----->	05	S	TX4n		C12	S	RX7n	----->	05	S	TX4n		C18	S	RX11n	----->	05	S	TX4n																									
A19	L	GND	nc	nc	29	L	VccTx	B19	L	GND	nc	nc	32	L	GND	C19	L	GND	nc	nc	09	L	ResetL																								
A20	S	SCL	nc	nc	28	S	In1L	B20	M	VCC3.3-Tx	nc	nc	31	S	LPMode	C20	S	PRSNL	C	nc	10	M	VccRx																								
A21	S	SDA	nc	nc	27	S	ModPrL	B21	M	VCC12-Tx	nc	nc	30	M	Vcc1	C21	S	In1L/Reset_L	C	nc	11	S	SCL																								
D19	L	GND	nc	nc	08	S	ModSe1L	D20	M	VCC3.3-Rx	nc	nc	29	M	VccTx	C22	M	VCC12-Rx	nc	nc	12	S	SDA																								

FINGER CONTACT MATING (F):
 L = FIRST MATE (LONG FINGERS)
 M = SECOND MATE (MIDDLE FINGERS)
 S = LAST MATE (SHORT FINGERS)

CONNECTION TYPE:
 C = COMMON GROUND
 -----> = TRANSMIT TO RECEIVE ON HIGH SPEED PAIRS
 nc = CONNECTION TO A CIRCUIT ON THE PADDLE CARD
 nc = NO CONNECTION

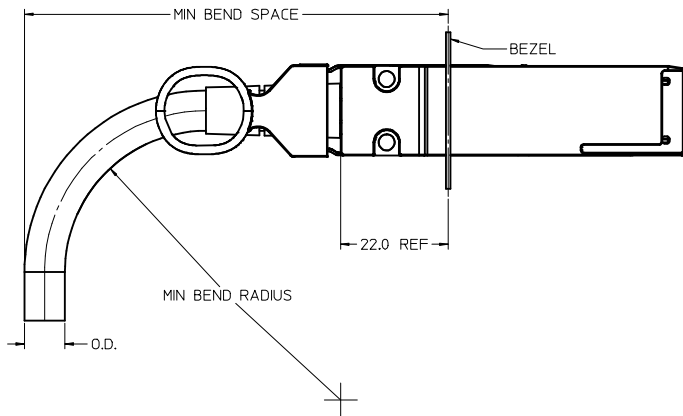
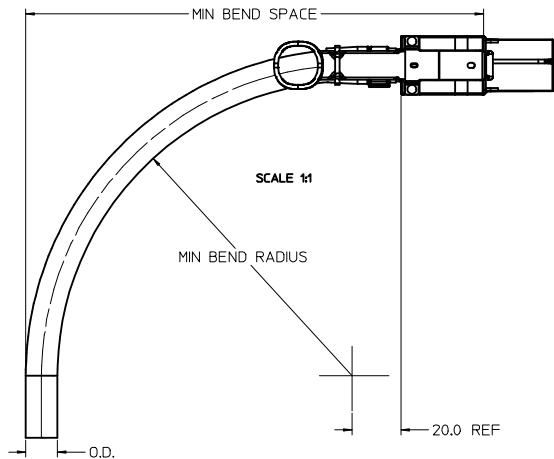


POLARIZATION FOR IBTA



SEE REVISION TABLE IEC NO: CPG2015-1744 DRAWN BY: CHYOKICID CHECKED BY: APPROV: ARYBURN DATE: 2014/09/26 DATE: 2014/09/30 APPR: ARYBURN	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2:1	METRIC	☉
	▽=0	4 PLACES ±0.13				
	▽=0	2 PLACES ±0.25				
		ANGULAR ±1/2°				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			MATERIAL NO. SEE P/N TABLE			
					DOCUMENT NO. SD-11025-1300	
						SHEET NO. 2 OF 4
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CABLE AWG	BUNDLE OD	MIN BEND RADIUS	MIN BEND SPACE
26	19.2	134	198
28	17.0	119	181
30	14.0	98	159

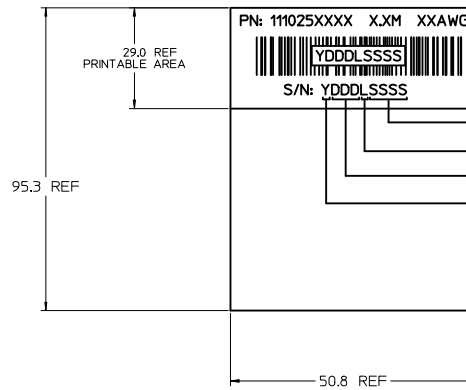


CABLE BEND RADIUS - QSFP END

CABLE AWG	O.D.	MIN BEND RADIUS	MIN BEND SPACE
26	8.9	62	89
28	7.9	55	81
30	6.5	46	71

CABLE LABEL DETAIL

ID LABEL TEXT



- P/N: SEE P/N TABLE
- X.XM: CABLE LENGTH (AS SHOWN ON P/N TABLE)
- XXAWG: CABLE GAUGE (SEE P/N TABLE)
- YDDLSSSS
- SSSS---SEQUENTIAL NUMBERS
- L---LOCATION (1 = US, 2 = MEXICO, 3 = CHINA)
- DDD---DAY OF THE YEAR
- Y--- YEAR, THE LAST DIGIT OF YEAR

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH				
1	SEE REVISION TABLE	▽=0	4 PLACES ±---	±---	MM ONLY	2:1	METRIC	TITLE: CXP-T0-QSFP SPLITTER CABLE ASSEMBLY PASSIVE molex MATERIAL NO. SD-11025-1300 DOCUMENT NO. SD-11025-1300 SHEET NO. 3 OF 4
2	DRY/NEMED/NA 2014/09/26	▽=0	3 PLACES ±---	±---	DRAWN BY: KWEBER	DATE: 2009/02/27		
3	CHK/D/C/D 2014/09/26	▽=0	2 PLACES ±0.13	±---	CHECKED BY: DDOYE	DATE: 2009/02/27		
4	APPR/AR/BURN 2014/09/30	▽=0	1 PLACE ±0.25	±---	APPROVED BY: DDOYE	DATE: 2009/02/27		
			ANGULAR ±1/2°		SEE P/N TABLE			
			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			

