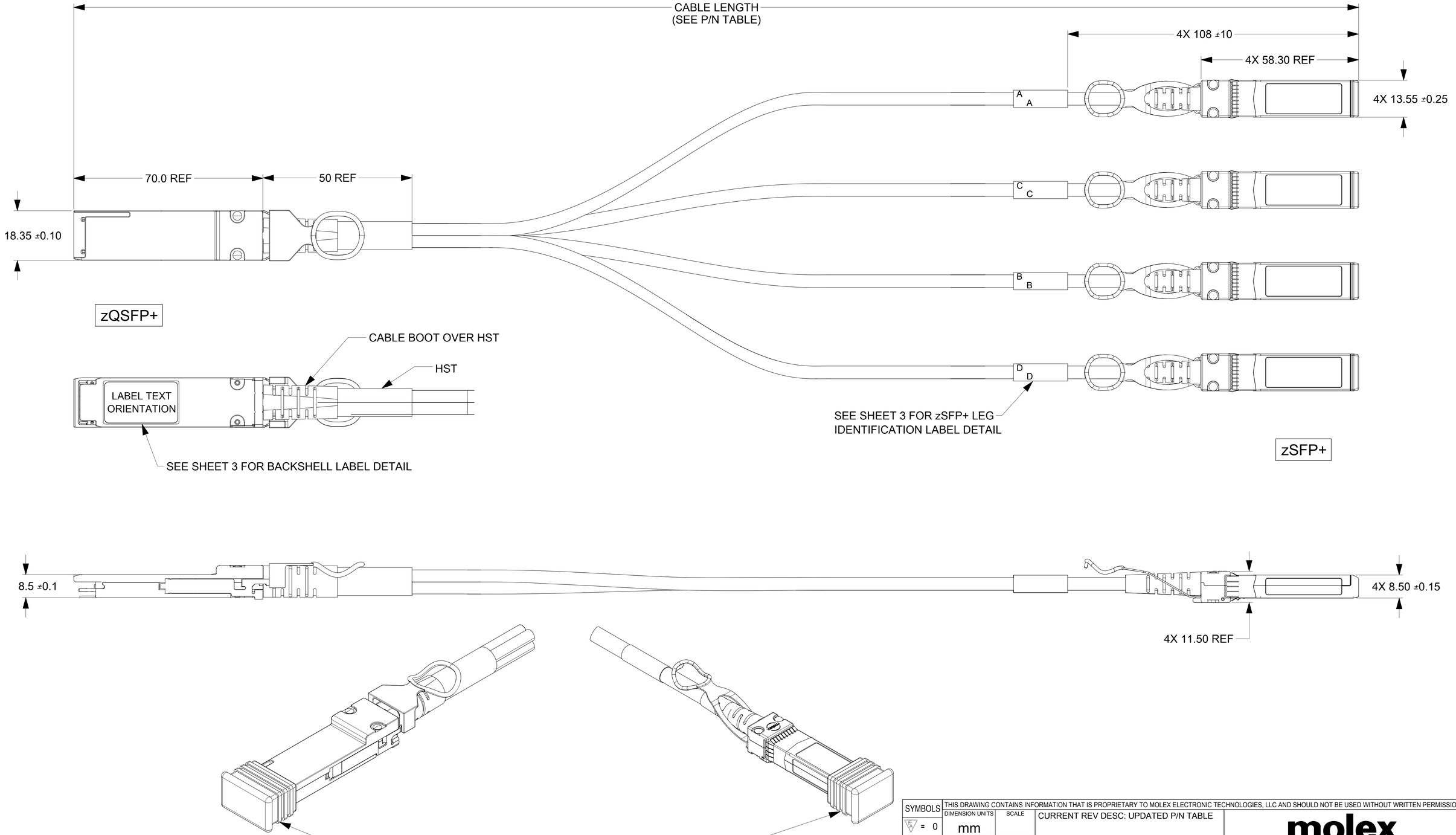


NOTES:

1. MATERIALS:
   - RAW CABLE- 2 TWIN-AX PAIRS, PVC JACKET
   - PCB - HALOGEN FREE, UL94 V-0
   - BACKSHELLS - ZINC DIECAST WITH BRIGHT NICKEL PLATING
   - RIVETS - STAINLESS STEEL
2. IMPEDANCE - 100 OHMS DIFFERENTIAL
3. RoHS COMPLIANT, NO EXEMPTIONS

DOCUMENT STATUS	P1	RELEASE DATE	2018/07/13 08:56:46

SYMBOLS	
FA	= 0
FC	= 0
FB	= 0
S	= 0
▼	= 0
C	= 0
☒	= 0
■	= 0
V	= 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED P/N TABLE

EC NO:	178794	
DRWN:	GSARVADE	2018/07/13
CHK'D:	KNAGANNA	2018/07/13
APPR:	KNAGANNA	2018/07/13

INITIAL REVISION:

DRWN:	BCHEN06	2016/12/02
APPR:	CHIRSCHY	2016/12/12

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 100345

molex

ZQSFP+ TO 4ZSFP+ 25G CBL ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1003451000	PSD	000	F

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N TABLE	GENERAL MARKET	1 OF 3

CABLE BEND RADIUS

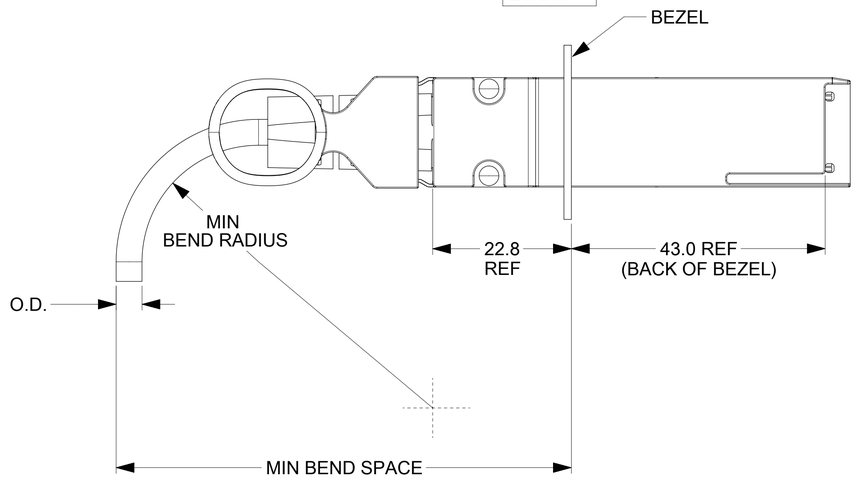
WIRING DIAGRAM					
zQSFP+			zSFP+		
PAD	SIGNAL		SIGNAL	PAD	PLUG
38	GND	----	GND		A
37	TX1-	--->	RD-	12	
36	TX1+	--->	RD+	13	
19	GND	----	GND		
17	RX1+	<---	TD+	18	
18	RX1-	<---	TD-	19	
01	GND	----	GND		B
02	TX2-	--->	RD-	12	
03	TX2+	--->	RD+	13	
20	GND	----	GND		
22	RX2+	<---	TD+	18	
21	RX2-	<---	TD-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

LOW SPEED SIGNALS	
zQSFP+	
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	
zSFP+	
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

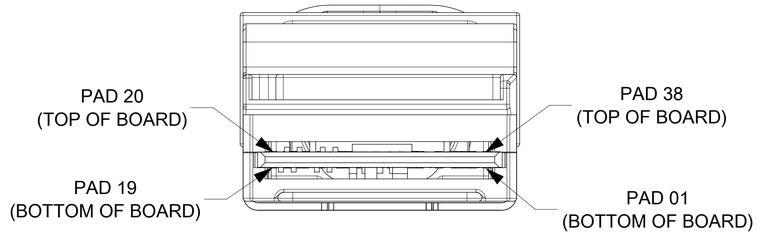
LEGEND:
---- = DRAIN LINES
---> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS

zQSFP+



CABLE AWG	OD OF CBL BUNDLE	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	9.70 REF	48.5	81.0

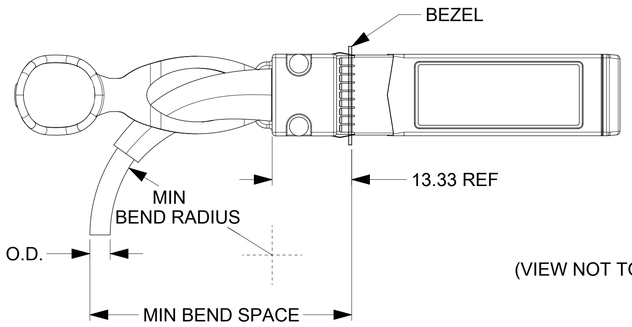
zQSFP+



(VIEW NOT TO SCALE)

(VIEW NOT TO SCALE)

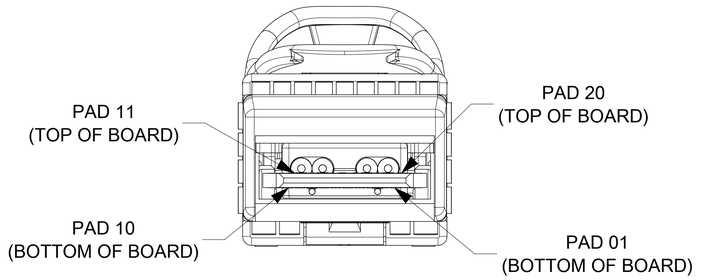
zSFP+



(VIEW NOT TO SCALE)

CABLE AWG	OD	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	4.60	23	41

zSFP+



(VIEW NOT TO SCALE)

SYMBOLS	DIMENSION UNITS	SCALE
A = 0	mm	
F = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
B = 0	ANGULAR TOL	± 1.0 °
S = 0	4 PLACES	±
= 0	3 PLACES	±
C = 0	2 PLACES	± 0.13
= 0	1 PLACE	± 0.25
= 0	0 PLACES	±
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
V = 0		

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APPR: KNAGANNA 2018/07/13

INITIAL REVISION:
DRWN: BCHEN06 2016/12/02
APPR: CHIRSCHY 2016/12/12

molex

ZQSFP+ TO 4ZSFP+ 25G CBL ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1003451000	PSD	000	F

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	100345	SEE P/N TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/07/13 08:56:46

MOLEX P/N	CABLE LENGTH (M)	CABLE L'TH TOL (mm)	AWG	WITH DUST COVER	CBL MFG
1003451052	0.5	±30	30	NO	BELDEN
1003451053	0.5	±30	30	YES	BELDEN
1003451103	1.0	±50	30	NO	BELDEN
1003451104	1.0	±50	30	YES	BELDEN
1003451153	1.5	±50	30	NO	BELDEN
1003451154	1.5	±50	30	YES	BELDEN
1003451203	2.0	±50	30	NO	BELDEN
1003451204	2.0	±50	30	YES	BELDEN
1003451253	2.5	±50	30	NO	BELDEN
1003451254	2.5	±50	30	YES	BELDEN
1003451303	3.0	±50	30	NO	BELDEN
1003451304	3.0	±50	30	YES	BELDEN
1003451353	3.5	±50	30	NO	BELDEN
1003451354	3.5	±50	30	YES	BELDEN
1003451403	4.0	±50	30	NO	BELDEN
1003451404	4.0	±50	30	YES	BELDEN

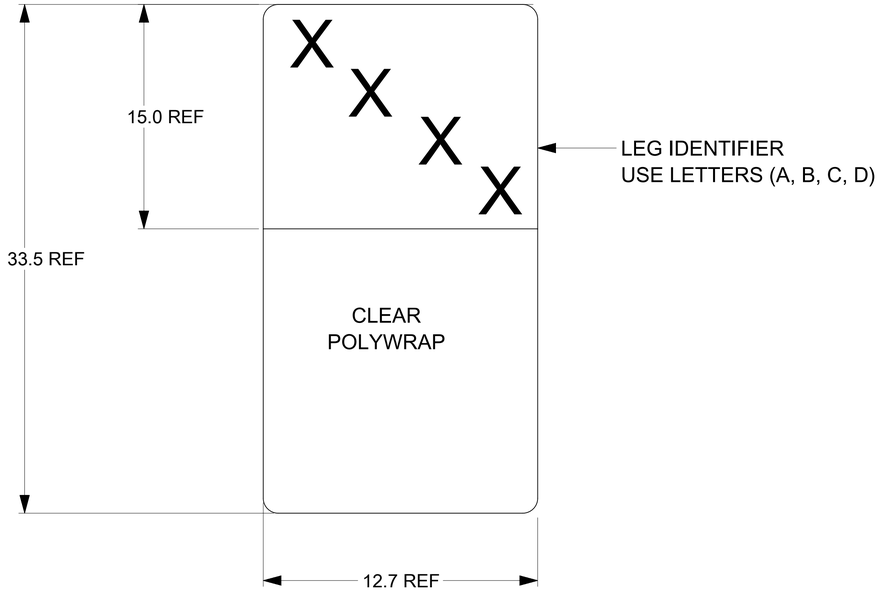
CABLE ID LABEL



P/N (SEE P/N TABLE)
X.XM = LENGTH AS SHOWN IN TABLE
XXAWG = AWG SIZE

YDDDLSSSS
Y = LAST DIGIT OF THE YEAR
DDD = DAY OF THE YEAR
L = LOCATION
1 = US
2 = MEXICO
3 = CHINA
4 = PHILIPPINES
SSSS = (0001-9999)

LEG ID LABEL



LEG IDENTIFIER
USE LETTERS (A, B, C, D)

SYMBOLS	
A = 0	
E = 0	
P = 0	
S = 0	
= 0	
C = 0	
= 0	
= 0	
V = 0	

DIMENSION UNITS	mm	SCALE
GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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DRWN: BCHEN06 2016/12/02
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molex

ZQSFP+ TO 4ZSFP+ 25G CBL ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1003451000	PSD	000	F

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	100345	SEE P/N TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/07/13 08:56:46