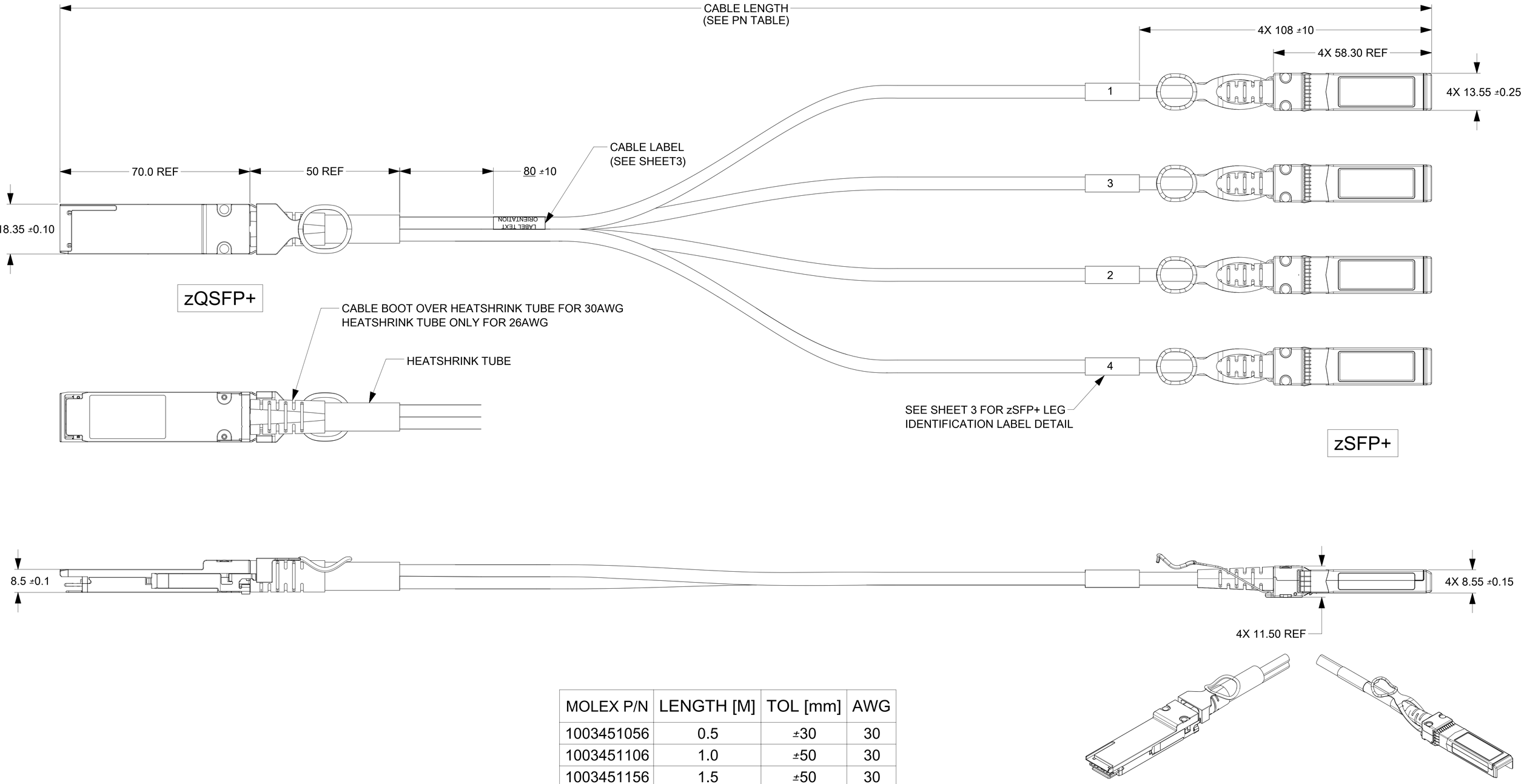


MOLEX P/N	LENGTH [M]	TOL [mm]	AWG
1003451056	0.5	±30	30
1003451106	1.0	±50	30
1003451156	1.5	±50	30
1003451206	2.0	±50	30
1003451256	2.5	±50	30
1003451306	3.0	±50	30
1003453156	1.5	±50	26
1003453306	3.0	±50	26
1003453506	5.0	±80	26

*1.0m CABLES AND BELOW MAY NOT MEET ALL
ELECTRICAL PARAMETER OF THE IEEE802.3bj AND IEEE802.3by

NOTES:
1. MATERIALS:
   RAW CABLE- LOW SMOKE ZERO HALOGEN
   BACKSHELLS - ZINC DIECAST WITH BRIGHT NICKEL PLATING
   RIVETS - STAINLESS STEEL
2. IMPEDANCE - 100 OHMS DIFFERENTIAL
3. RoHS COMPLIANT, NO EXEMPTIONS
4. EEPROM SPEC IS COMPLIANT TO SFF 8636 REV 2.7 AT zQSFP+ END
   AND SFF 8472 REV 12.2 AT zSFP+ END
5. EEPROM MAP AVAILABLE UPON REQUEST

DOCUMENT STATUS	P1	RELEASE DATE	2018/11/08 09:49:34

SYMBOLS	
A	= 0
C	= 0
B	= 0
S	= 0
	= 0
C	= 0
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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	

CURRENT REV DESC: UPDATED LEG LABEL

EC NO: 607196
DRWN: GSARVADE 2018/11/02
CHK'D: GSARVADE 2018/11/08
APPR: KNAGANNA 2018/11/08

INITIAL REVISION:
DRWN: MTAMBRALLI 2017/05/05
APPR: ARAYBURN 2017/06/23

molex

ZQSFP+ TO 4ZSFP+ 25G CBL ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1003451056	PSD	000	F

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	100345	SEE PN TABLE	GENERAL MARKET	1 OF 3

WIRING DIAGRAM					
zQSFP+			zSFP+		
PAD	SIGNAL		SIGNAL	PAD	PLUG
38	GND	----	GND		1
37	TX1-	--->	RD-	12	
36	TX1+	--->	RD+	13	
19	GND	----	GND		
17	RX1+	<---	TD+	18	
18	RX1-	<---	TD-	19	
01	GND	----	GND		2
02	TX2-	--->	RD-	12	
03	TX2+	--->	RD+	13	
20	GND	----	GND		
22	RX2+	<---	TD+	18	
21	RX2-	<---	TD-	19	
35	GND	----	GND		3
34	TX3-	--->	RD-	12	
33	TX3+	--->	RD+	13	
16	GND	----	GND		
14	RX3+	<---	TD+	18	
15	RX3-	<---	TD-	19	
04	GND	----	GND		4
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

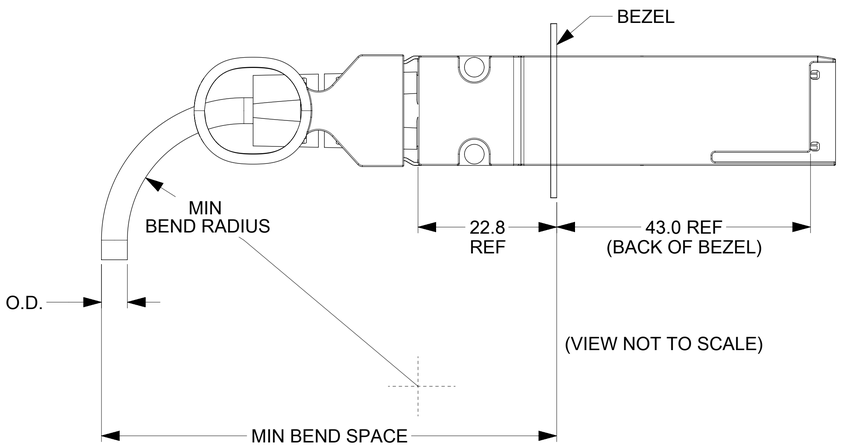
LOW SPEED SIGNALS	
zSFP+	
PAD	SIGNAL
02	Tx_Fault
03	Tx_Disable
04	SDA
05	SCL
06	Mod_ABS
07	RS0
08	Rx_LOS
09	RS1
15	VccR
16	VccT

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

NOTES:
1. DC BLOCKING CAPS ON RECIEVE SIDE ONLY
2. CABLE COILED AND PACKAGED IN BEST FIT ESD BAG AND SEALED WITH ESD LABEL FOR SHIPPING.

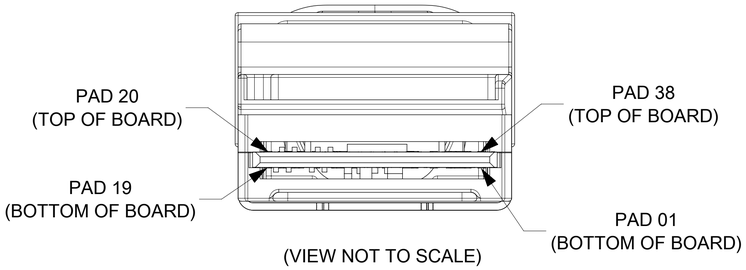
CABLE BEND RADIUS

zQSFP+

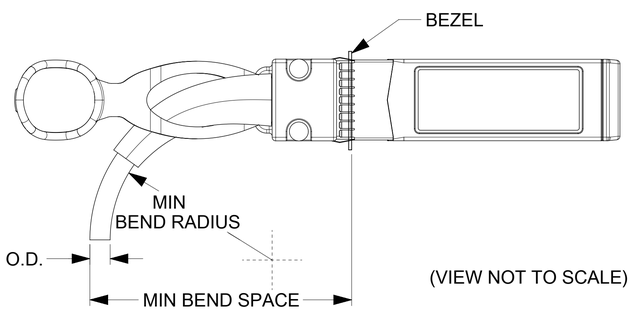


CABLE AWG	OD OF CBL BUNDLE	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	4.60	TBD (UNDER REVIEW)	TBD (UNDER REVIEW)
26	5.80	TBD (UNDER REVIEW)	TBD (UNDER REVIEW)

zQSFP+



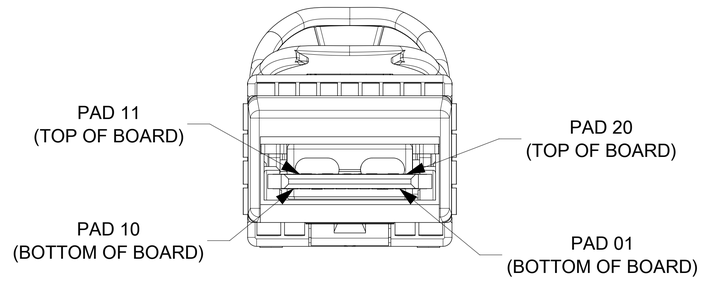
zSFP+



(VIEW NOT TO SCALE)

CABLE AWG	OD	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	4.60	23	40
26	5.80	29	48

zSFP+



(VIEW NOT TO SCALE)

DOCUMENT STATUS	P1	RELEASE DATE	2018/11/08 09:49:34

SYMBOLS: A = 0, E = 0, B = 0, S = 0, = 0, C = 0, = 0, = 0, = 0

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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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INITIAL REVISION:
DRWN: MTAMBRALLI 2017/05/05
APPR: ARAYBURN 2017/06/23

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

molex

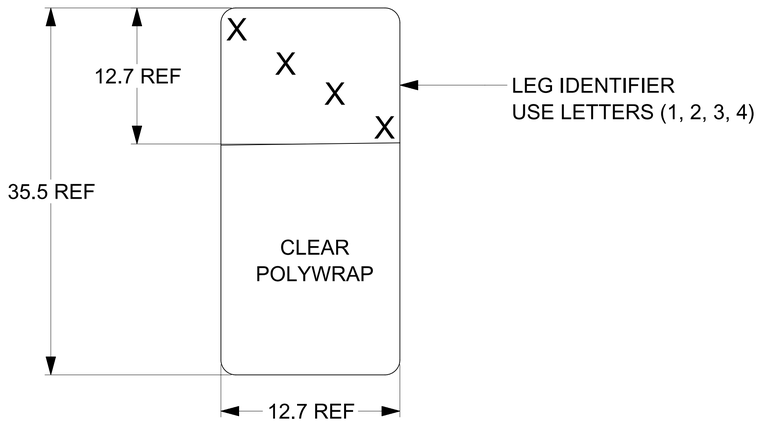
ZQSFP+ TO 4ZSFP+ 25G CBL ASSY

PRODUCT CUSTOMER DRAWING

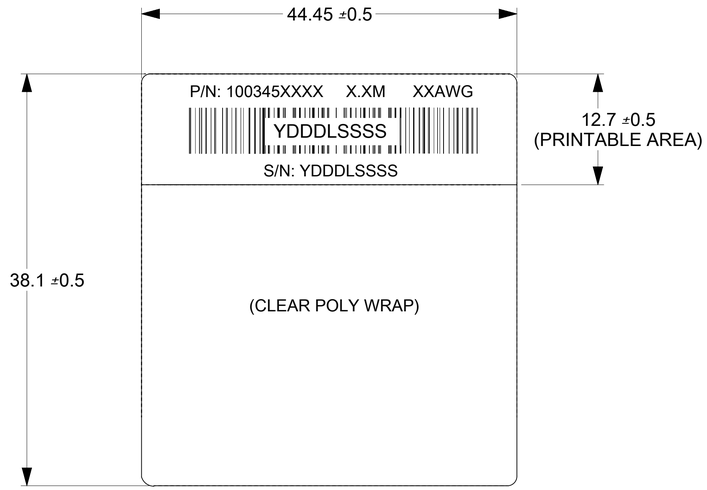
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1003451056	PSD	000	F

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PN TABLE	GENERAL MARKET	2 OF 3

LEG ID LABEL



LABEL DETAILS



P/N: 100345XXXX - MOLEX PART NUMBER (SEE P/N TABLE)

X.XM - CABLE LENGTH IN METERS (EXAMPLES - 0.5M, 1.0M)

S/N: YDDDLSSSS - SERIAL NUMBER
- Y - YEAR, THE LAST DIGIT OF YEAR
- DDD - DAY OF THE YEAR
- L - LOCATION
  - 1 - USA
  - 2 - MEXICO
  - 3 - CHINA
  - 4 - PHILIPPINES
- SSSS - SERIAL NUMBER (0001-9999)

DOCUMENT STATUS	P1	RELEASE DATE	2018/11/08 09:49:34

SYMBOLS
FA = 0
FC = 0
FB = 0
S = 0
= 0
C = 0
= 0
= 0
= 0

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DIMENSION UNITS: mm
SCALE:

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
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1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED LEG LABEL

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INITIAL REVISION:
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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
1003451056	PSD	000	F

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PN TABLE	GENERAL MARKET	3 OF 3