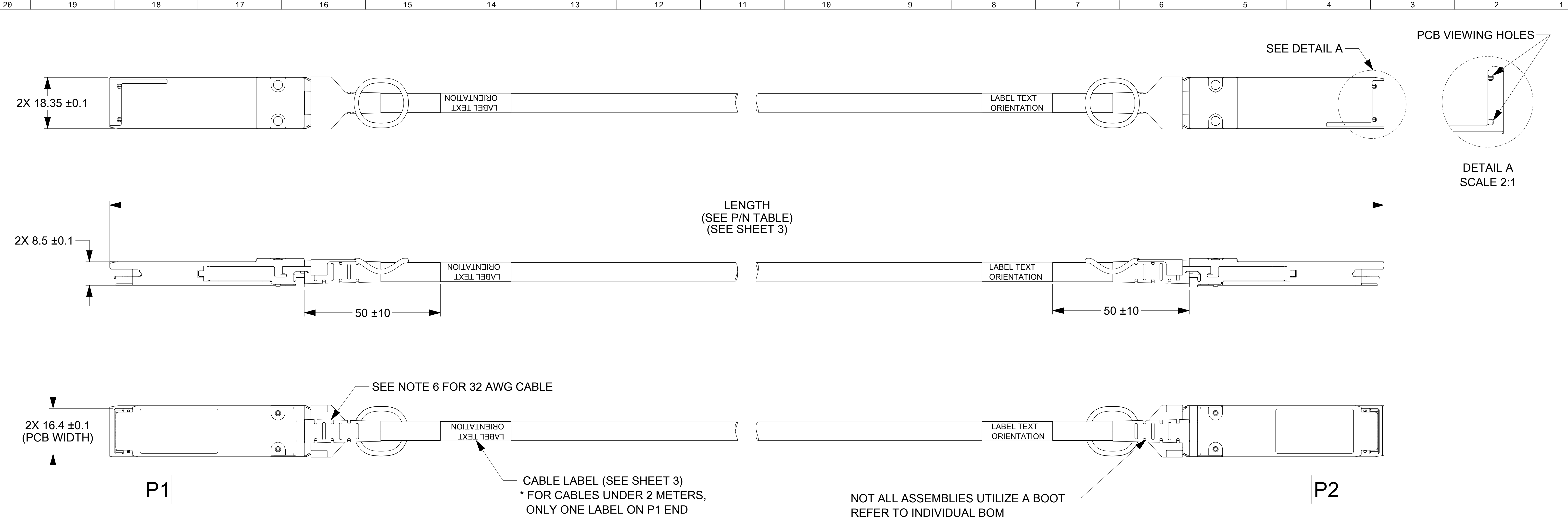
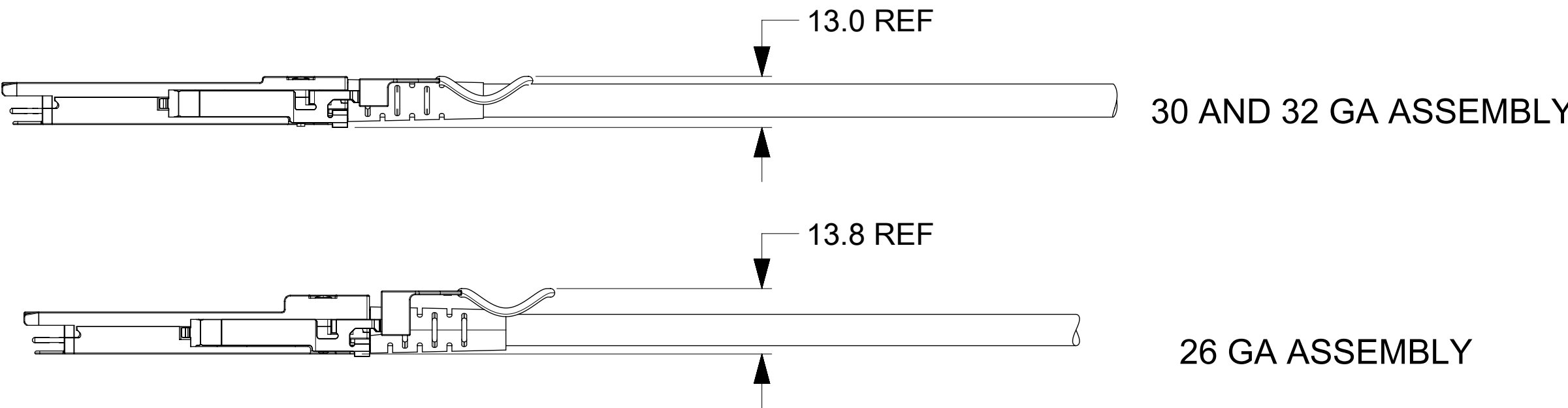


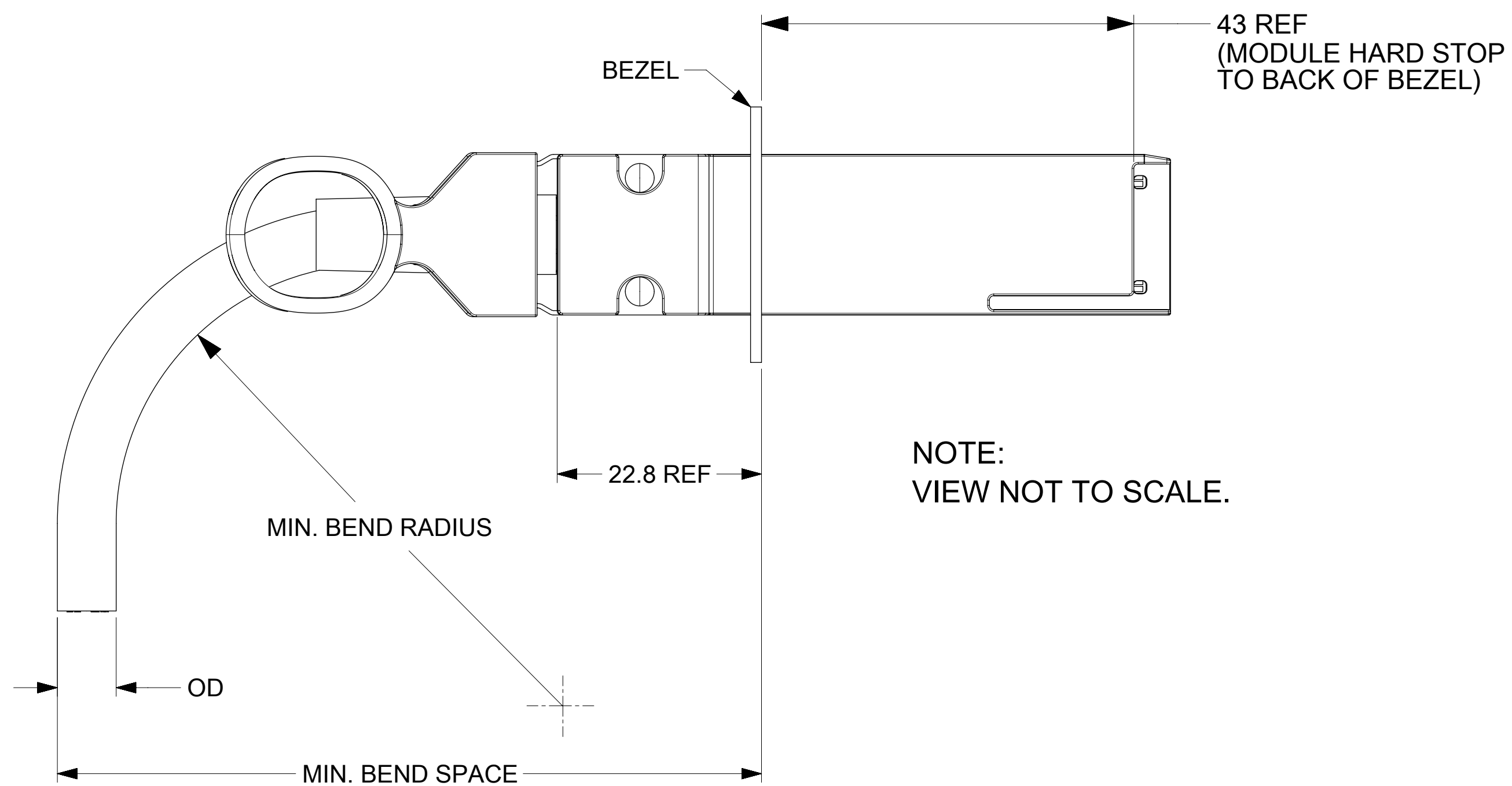


- NOTES:
- CABLE LENGTH DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
 - MATERIALS:
 - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
 - DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON
 - PCB - HALOGEN FREE
 - RIVETS - STAINLESS STEEL
 - IMPEDANCE - 100 OHMS DIFFERENTIAL
 - CABLE ASSEMBLY IS UL RECOGNIZED
 - RoHS COMPLIANT, NO EXEMPTIONS
 - ACETATE CLOTH TAPE TO BE PLACED 3 MM REF FROM BACKSHELL CABLE EXIT AREA



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	= 0	DIMENSION UNITS	SCALE	CURRENT REV DESC: ADDED NOTE 6				molex								
		mm	1.5:1													
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 626269 DRWN: SJKG 2018/11/02 CHK'D: SCHANNARAYAN 2019/10/24 APPR: KNAGANNA 2019/10/28						ZQSFP+ TO ZQSFP+ QSFP28 PASSIVE CABLE ASSEMBLY						
	= 0															
	= 0	ANGULAR TOL ± 1.0 °		PRODUCT CUSTOMER DRAWING												
	= 0	4 PLACES ±														
	= 0	3 PLACES ±		DOCUMENT NUMBER 1002970001										DOC TYPE PSD	DOC PART 000	REVISION T
	= 0	2 PLACES ± 0.13														
	= 0	1 PLACE ± 0.25		INITIAL REVISION: DRWN: KNAGANNA 2016/09/12 APPR: ARAYBURN 2016/09/22				THIRD ANGLE PROJECTION 								
	= 0	0 PLACES ±														
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING D-SIZE	SERIES 100297	MATERIAL NUMBER SEE PN TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 3						

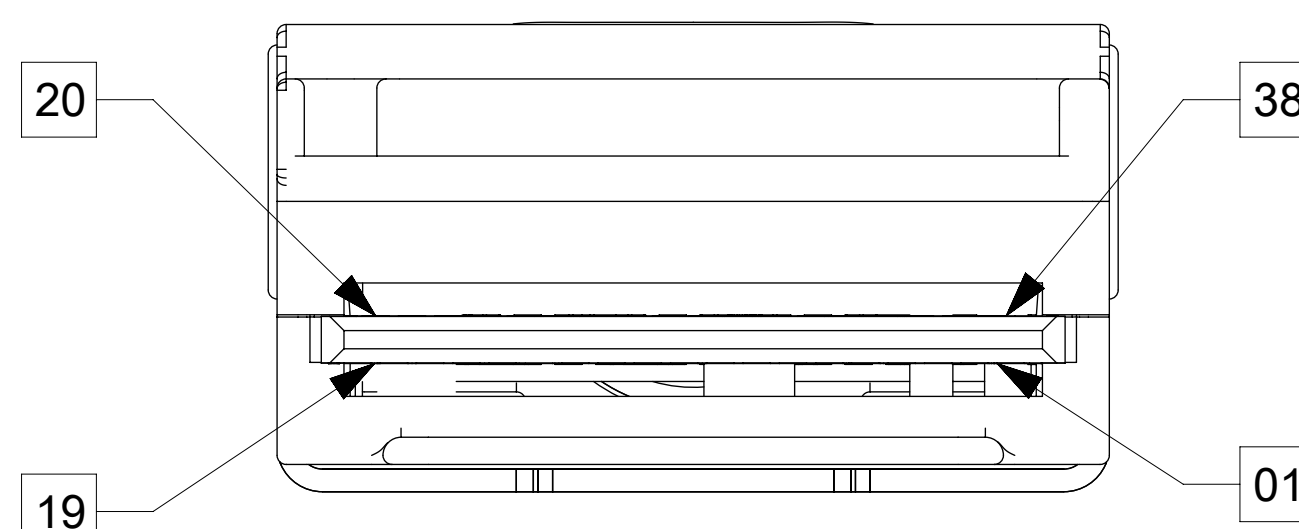
CABLE BEND RADIUS



CABLE AWG	OD (mm)	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
26	9.53	48	80
30	6.35	32	61
32	4.95	25	53

NOTE:
VIEW NOT TO SCALE.

PINOUT



SCALE 6:1

LOW SPEED SIGNALS P1 & P2	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMMode

P1 END			P2 END	
PAD	SIGNAL		PAD	SIGNAL
01	GND (TX)		20	GND (RX)
02	TX2n	→	21	RX2n
03	TX2p	→	22	RX2p
04	GND (TX)		23	GND (RX)
05	TX4n	→	24	RX4n
06	TX4p	→	25	RX4p
07	GND (TX)		26	GND (RX)
13	GND (RX)		32	GND (TX)
14	RX3p	←	33	TX3p
15	RX3n	←	34	TX3n
16	GND (RX)		35	GND (TX)
17	RX1p	←	36	TX1p
18	RX1n	←	37	TX1n
19	GND (RX)		38	GND (TX)
20	GND (RX)		01	GND (TX)
21	RX2n	←	02	TX2n
22	RX2p	←	03	TX2p
23	GND (RX)		04	GND (TX)
24	RX4n	←	05	TX4n
25	RX4p	←	06	TX4p
26	GND (RX)		07	GND (TX)
32	GND (TX)		13	GND (RX)
33	TX3p	→	14	RX3p
34	TX3n	→	15	RX3n
35	GND (TX)		16	GND (RX)
36	TX1p	→	17	RX1p
37	TX1n	→	18	RX1n
38	GND (TX)		19	GND (RX)

NOTES:

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

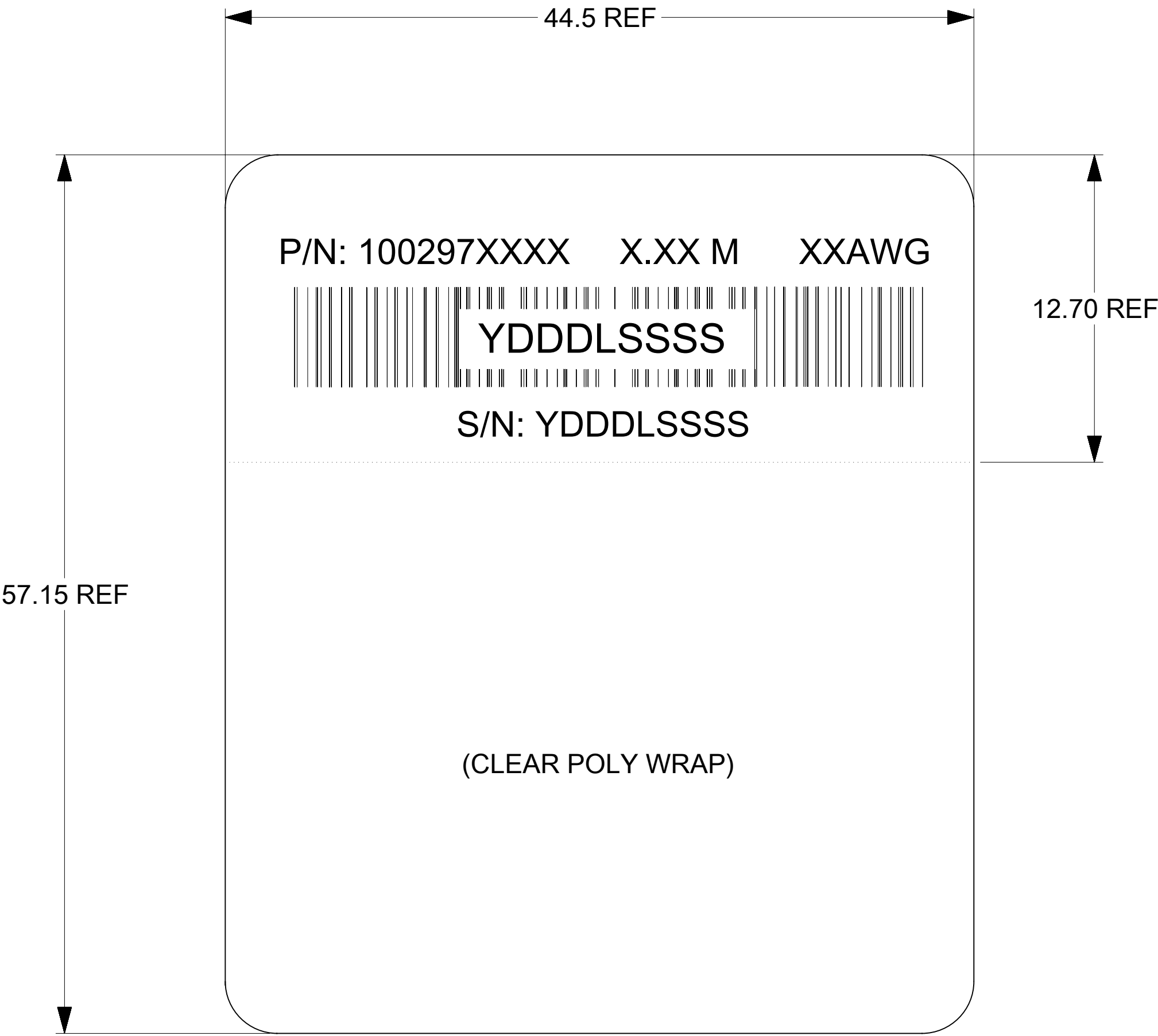
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED NOTE 6			molex									
= 0	mm	1.5:1														
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 626269			ZQSFP+ TO ZQSFP+ QSFP28 PASSIVE CABLE ASSEMBLY									
= 0																
= 0	ANGULAR TOL ± 1.0 °			DRWN: SJKG 2018/11/02			PRODUCT CUSTOMER DRAWING									
= 0	4 PLACES	±									CHK'D: SCHANNARAYAN 2019/10/24					
= 0	3 PLACES	±		APPR: KNAGANNA 2019/10/28												
= 0	2 PLACES	± 0.13					INITIAL REVISION:									
= 0	1 PLACE	± 0.25		DRWN: KNAGANNA 2016/09/12												
= 0	0 PLACES	±						APPR: ARAYBURN 2016/09/22								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION			DRAWING					SERIES		MATERIAL NUMBER		CUSTOMER
							D-SIZE		100297		SEE PN TABLE		GENERAL MARKET		2 OF 3	

PART NUMBER TABLE

MOLEX P/N	LENGTH (M)	AWG
1002971321	0.32M ± 0.02M	32
1002971015	0.5M ± 0.05M	32
1002971001	1.0M ± 0.05M	32
1002971215	1.5M ± 0.08M	32
1002971002	2.0M ± 0.08M	32
1002971031	0.3M ± 0.02M	30
1002971051	0.5M ± 0.05M	30
1002971071	0.75 ± 0.05M	30
1002971101	1.0M ± 0.05M	30
1002971132	1.25M ± 0.05M	30
1002971151	1.5M ± 0.08M	30
1002971201	2.0M ± 0.08M	30
1002971251	2.5M ± 0.08M	30
1002971301	3.0M ± 0.08M	30
1002971401	4.0M ± 0.08M	30
1002973051	0.5M ± 0.05M	26
1002973071	0.75M ± 0.05M	26
1002973101	1.0M ± 0.05M	26
1002973151	1.5M ± 0.08M	26
1002973201	2.0M ± 0.08M	26
1002973251	2.5M ± 0.08M	26
1002973301	3.0M ± 0.08M	26
1002973351	3.5M ± 0.08M	26
1002973401	4.0M ± 0.08M	26
1002973501	5.0M ± 0.08M	26

ZQSFP+ CABLES BELOW 1M DOES NOT MEET ALL IEEE 802.3bj PARAMETERS

LABEL DETAILS



P/N: 100297XXXX - MOLEX PART NUMBER (SEE P/N TABLE)

X.XX M - CABLE LENGTH IN METERS (EXAMPLES - 0.5M, 1.0M, 1.5M)
SEE P/N TABLE FOR THE NUMBER OF DIGITS

XXAWG - CABLE SIZE IN AWG

S/N: YDDLSSSS - 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)

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED NOTE 6			molex				
	mm		1.5:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 626269 DRWN: SJKG 2018/11/02 CHK'D: SCHANNARAYAN 2019/10/24 APPR: KNAGANNA 2019/10/28 INITIAL REVISION: DRWN: KNAGANNA 2016/09/12 APPR: ARAYBURN 2016/09/22			ZQSFP+ TO ZQSFP+ QSFP28 PASSIVE CABLE ASSEMBLY						
											ANGULAR TOL ± 1.0 °	
	4 PLACES ±										PRODUCT CUSTOMER DRAWING	
	3 PLACES ±											
	2 PLACES ± 0.13					DOCUMENT NUMBER 1002970001		DOC TYPE PSD	DOC PART 000	REVISION T		
	1 PLACE ± 0.25											
	0 PLACES ±		THIRD ANGLE PROJECTION 		DRAWING D-SIZE	SERIES 100297	MATERIAL NUMBER SEE PN TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 3 OF 3			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

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