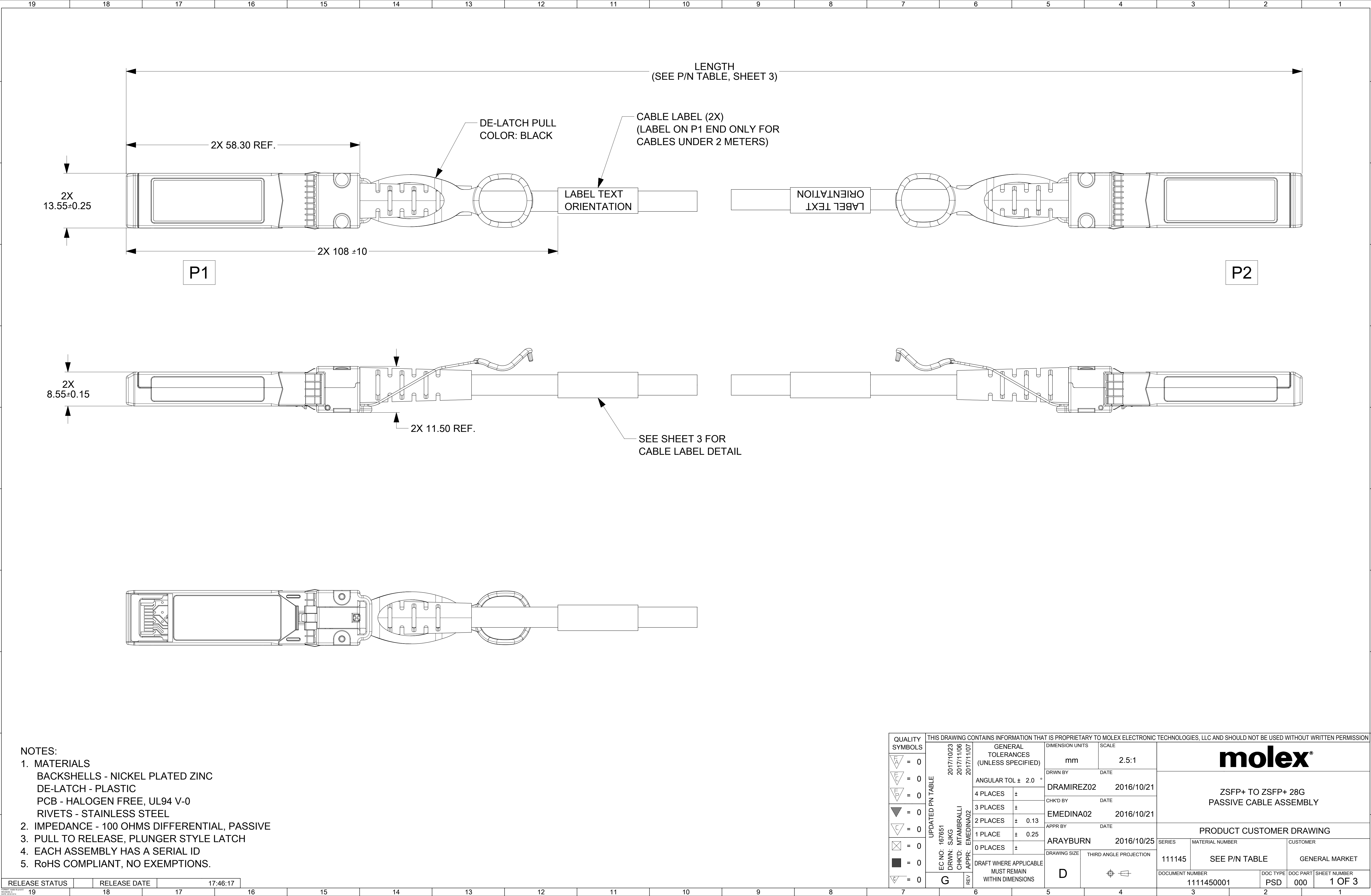
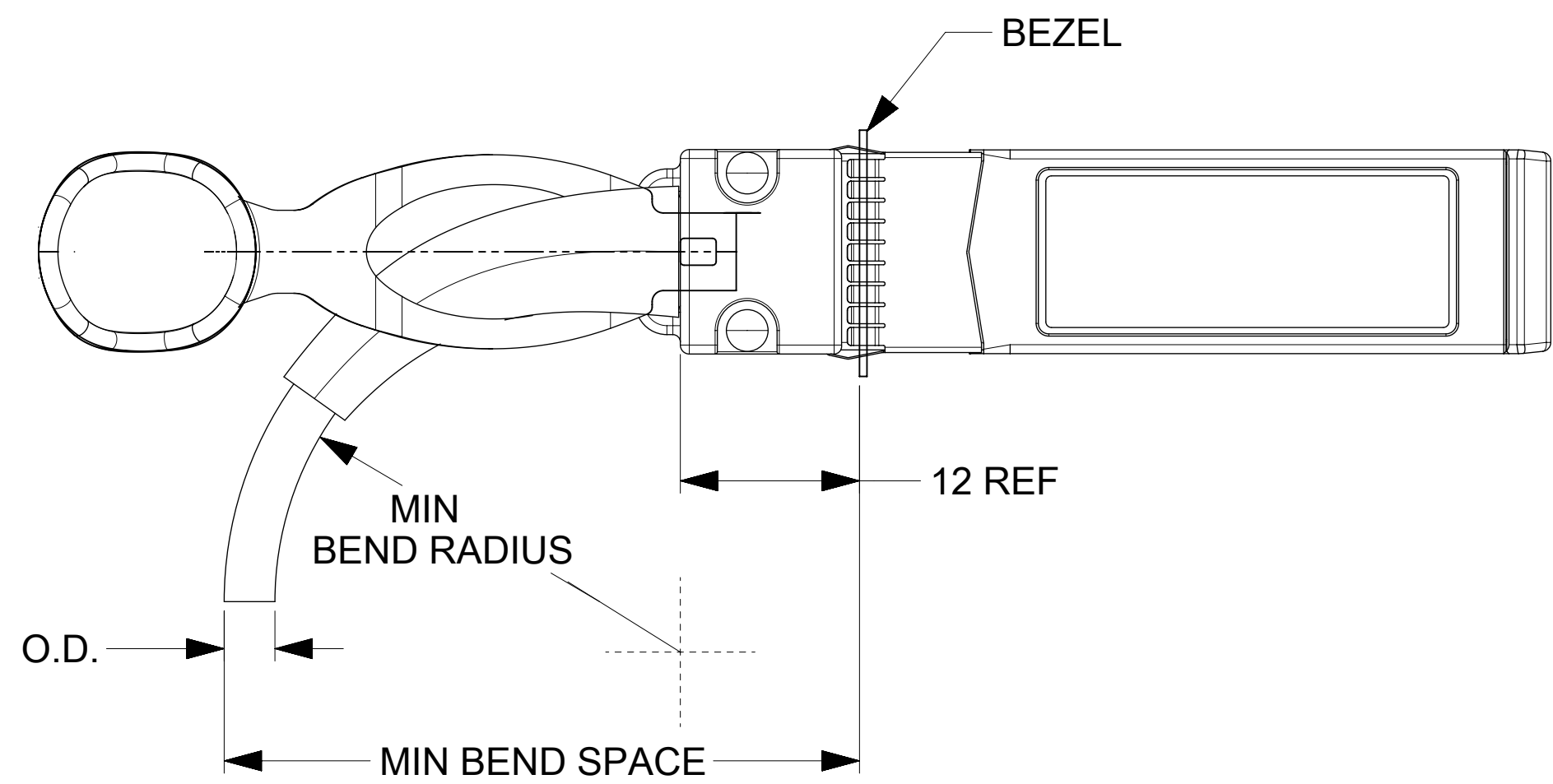




QUALITY SYMBOLS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	UPDATED P/N TABLE	EC NO: 167651 DRWN: SJKG CHKD: MTAMBRALLI APPR: EMEDINA02	2017/10/23 2017/11/06 2017/11/07	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		ZSFP+ TO ZSFP+ 28G PASSIVE CABLE ASSEMBLY											
					mm		2.5:1													
					DRWN BY		DATE													
					CHK'D BY		DATE													
					ANGULAR TOL ± 2.0 °		DRAMIREZ02		2016/10/21		PRODUCT CUSTOMER DRAWING									
					4 PLACES ±		EMEDINA02		2016/10/21											
					3 PLACES ±		ARAYBURN		2016/10/25											
					2 PLACES ± 0.13		DRAWING SIZE		THIRD ANGLE PROJECTION											
					1 PLACE ± 0.25		D				SERIES	MATERIAL NUMBER			CUSTOMER					
					0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				111145	SEE P/N TABLE			GENERAL MARKET					
						DOCUMENT NUMBER			DOC TYPE	DOC PART	SHEET NUMBER									
		G		REV		1111450001			PSD	000	1 OF 3									



CABLE AWG	O.D.	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	4.52	23	40
26	5.8	29	47

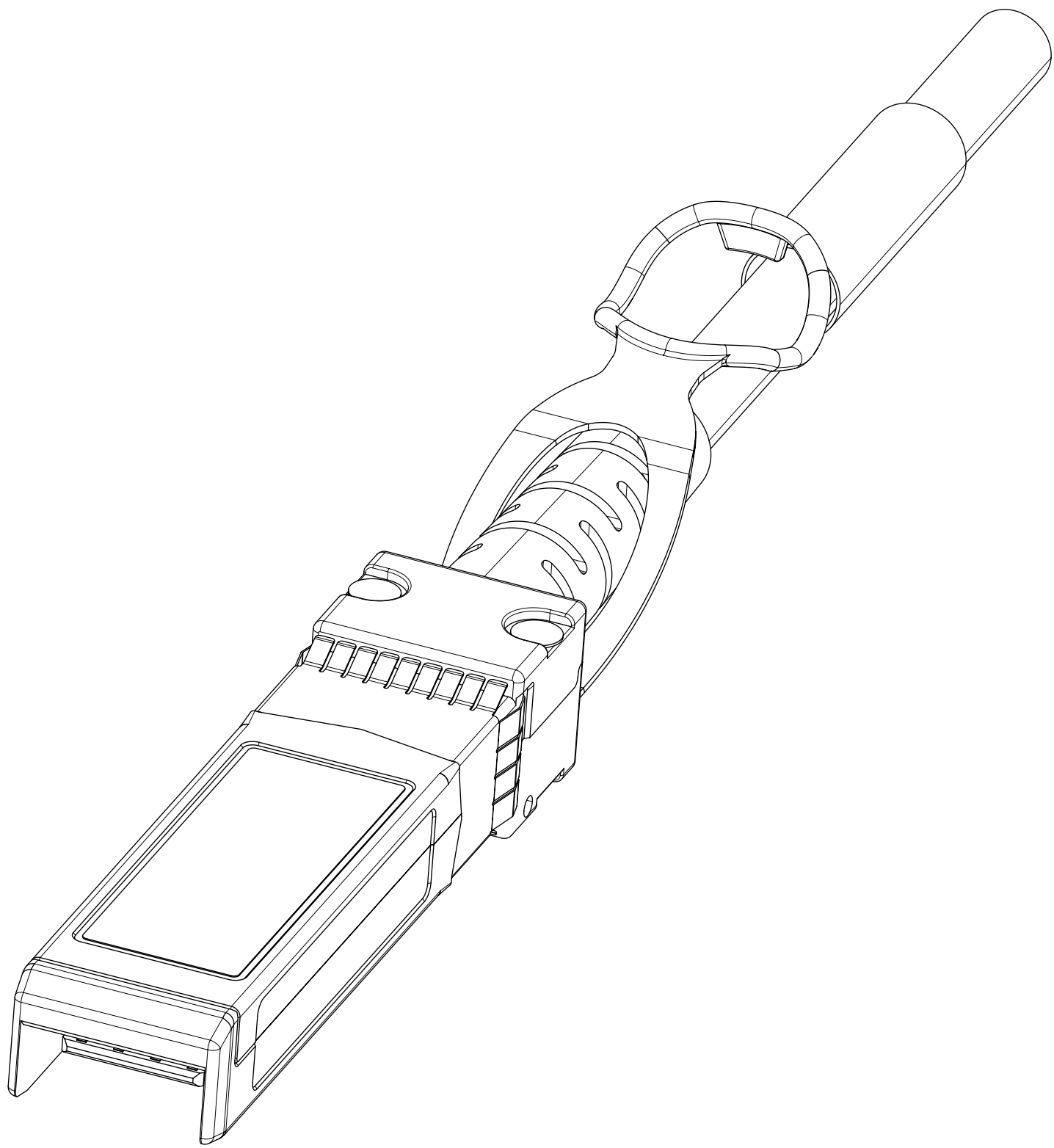
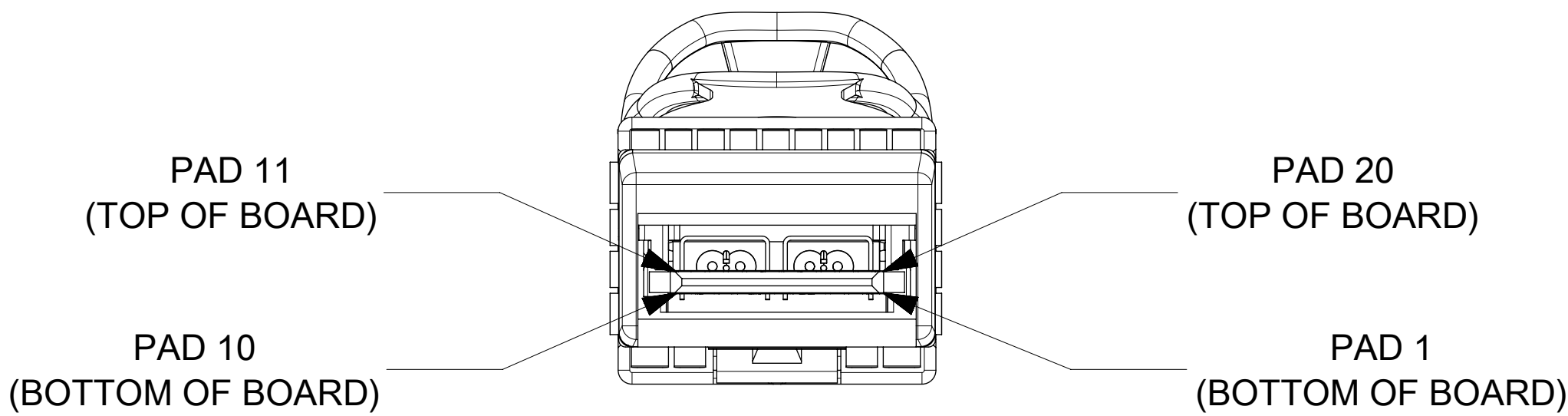
WIRING DIAGRAM					
P1 END				P2 END	
PAD	SIGNAL			PAD	SIGNAL
12	RD-	<----		19	TD-
13	RD+	<----		18	TD+
18	TD+	---->		13	RD+
19	TD-	---->		12	RD-
02	Tx_Fault	NC	NC	02	Tx_Fault
03	Tx_Disable	NC	NC	03	Tx_Disable
04	SDA	□	□	04	SDA
05	SCL	□	□	05	SCL
06	Mod_ABS	NC	NC	06	Mod_ABS
07	RS0	NC	NC	07	RS0
08	Rx_LOS	NC	NC	08	Rx_LOS
09	RS1	NC	NC	09	RS1
15	VccR	NC	NC	15	VccR
16	VccT	NC	NC	16	VccT

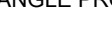
LEGEND:

----> = THRU LINES

NC = NOT CONNECTED

□ = CONNECTION TO A DEVICE ON THE PCB



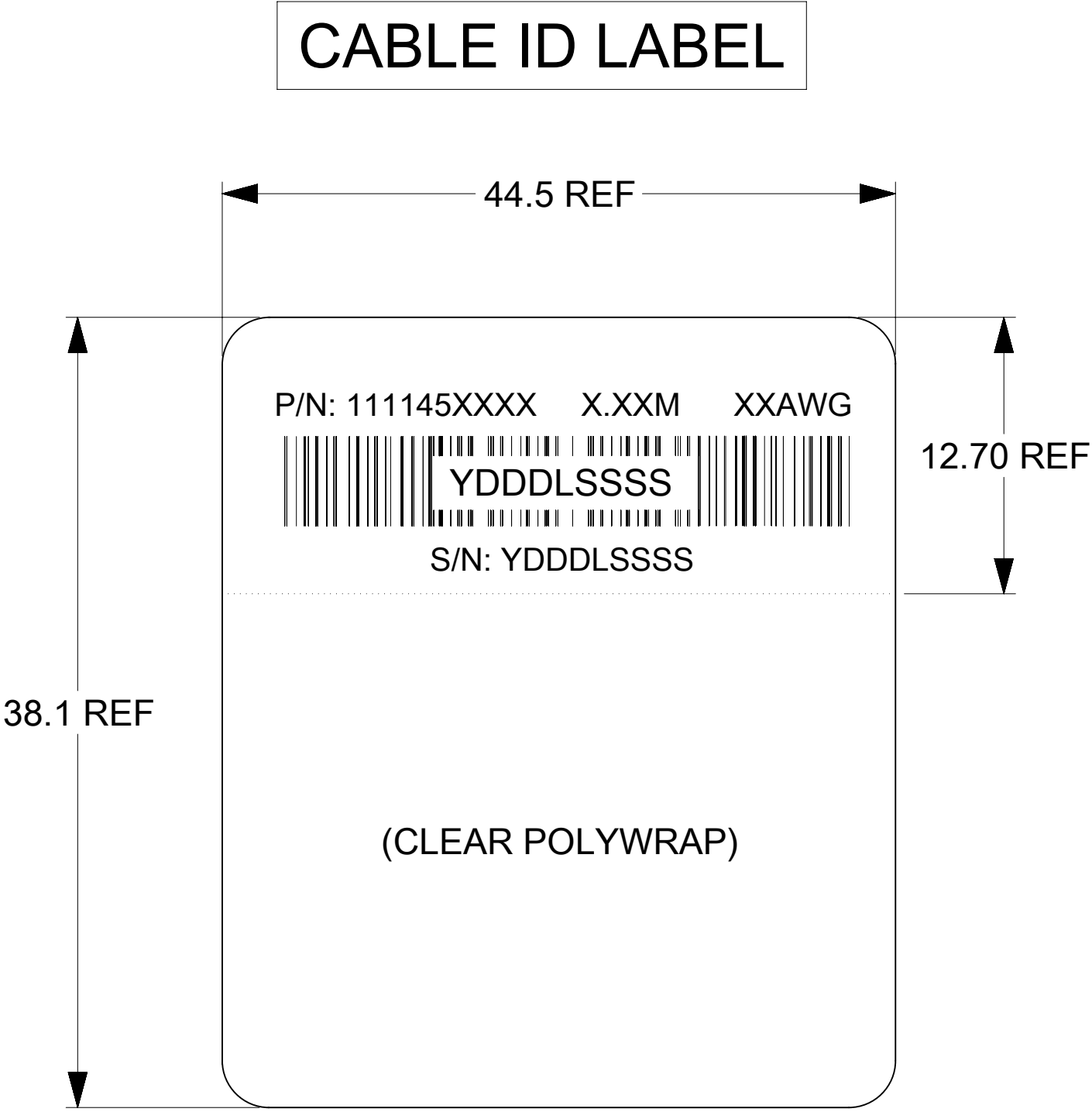
QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
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	= 0					mm									
	= 0			ANGULAR TOL ± 2.0 °		DRWN BY		DATE		ZSFPP+ TO ZSFPP+ 28G PASSIVE CABLE ASSEMBLY					
	= 0			4 PLACES	±	DRAMIREZ02		2016/10/21							
	= 0			3 PLACES	±	CHK'D BY		DATE							
	= 0			2 PLACES	± 0.13	EMEDINA02		2016/10/21							
	= 0			1 PLACE	± 0.25	APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
	= 0			0 PLACES	±	ARRAYBURN		2016/10/25							
	= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
	= 0			G	REV	D			111145		SEE P/N TABLE		GENERAL MARKET		
		DOCUMENT NUMBER							DOC TYPE		DOC PART		SHEET NUMBER		
								1111450001		PSD		000		2 OF 3	

PART NUMBER TABLE

PART NUMBER	LENGTH	TOL.	AWG
1111451021*	0.25M	±0.03M	30
1111451031*	0.3M	±0.03M	30
1111451051	0.5M	±0.05M	30
1111451081	0.8M	±0.05M	30
1111451082	0.85M	+0.05 M -0.02 M	30
1111451101	1.0M	±0.05M	30
1111451151	1.5M	±0.05M	30
1111451201	2.0M	±0.05M	30
1111451251	2.5M	±0.05M	30
1111451301	3.0M	±0.05M	30
1111451401	4.0M	±0.05M	30
1111453201	2.0M	±0.05M	26
1111453301	3.0M	±0.05M	26
1111453401	4.0M	±0.05M	26
1111453501	5.0M	±0.08M	26

NOTES:
CUSTOM CABLE LENGTH AND GAUGE AVAILABLE UPON REQUEST

*CABLE LENGTHS LESS THAN 0.5M DO NOT MEET IEEE 802.3by RETURN LOSS LIMITS
30 AWG CABLES LONGER THAN 3m, CABLES FAIL 802.3by SPEC FOR MAXIMUM INSERTION LOSS AND COM

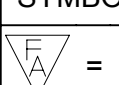
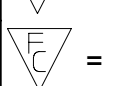
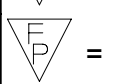
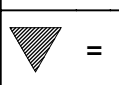
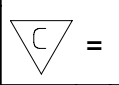
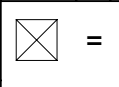
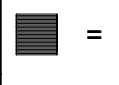
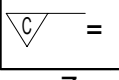
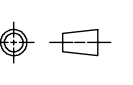


P/N: 111145XXXX - MOLEX PART NUMBER (SEE P/N TABLE)

X.XXM - CABLE LENGTH IN METERS (EXAMPLES - 0.5M, 1.0M, 1.5M, SEE P/N TABLE)

XXAWG - CABLE SIZE IN AWG (SEE P/N TABLE)

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)

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
 = 0	UPDATED P/N TABLE EC NO: 167651 DRWN: SJKG CHKD: MTAMBRALLI REV/ APPR: EMEDINA02	2017/10/23 2017/11/06 2017/11/07	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE					
 = 0				mm						
 = 0				DRWN BY	DATE	ZSFPP+ TO ZSFPP+ 28G PASSIVE CABLE ASSEMBLY				
 = 0				CHK'D BY	DATE					
 = 0				APPR BY	DATE	PRODUCT CUSTOMER DRAWING				
 = 0				ARRAYBURN	2016/10/25					
 = 0				DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER		
 = 0				D		111145	SEE P/N TABLE	GENERAL MARKET		
	G	6				DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	
						1111450001	PSD	000	3 OF 3	