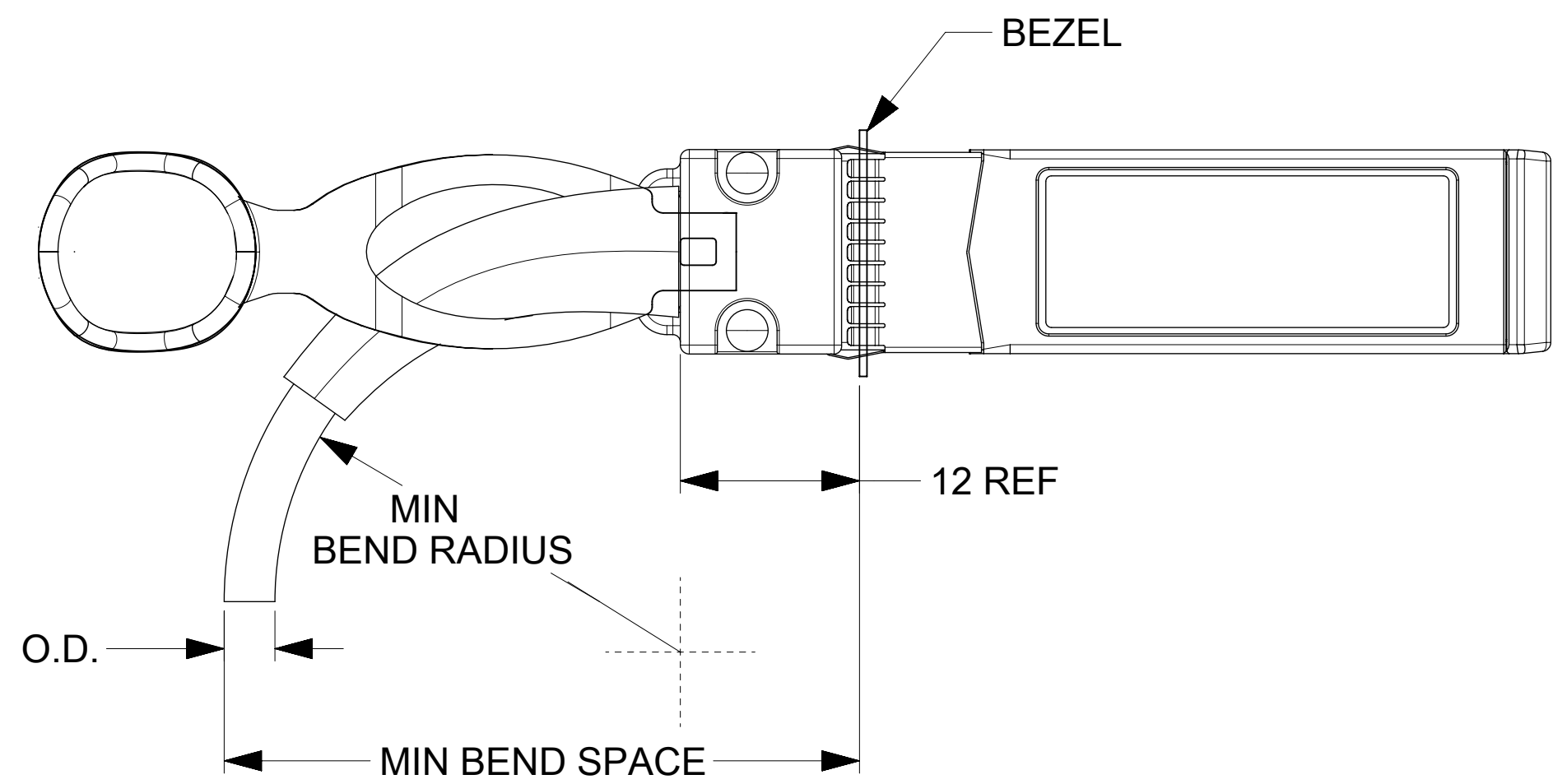




CABLE AWG	O.D.	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	4.52	23	40
26	5.8	29	47

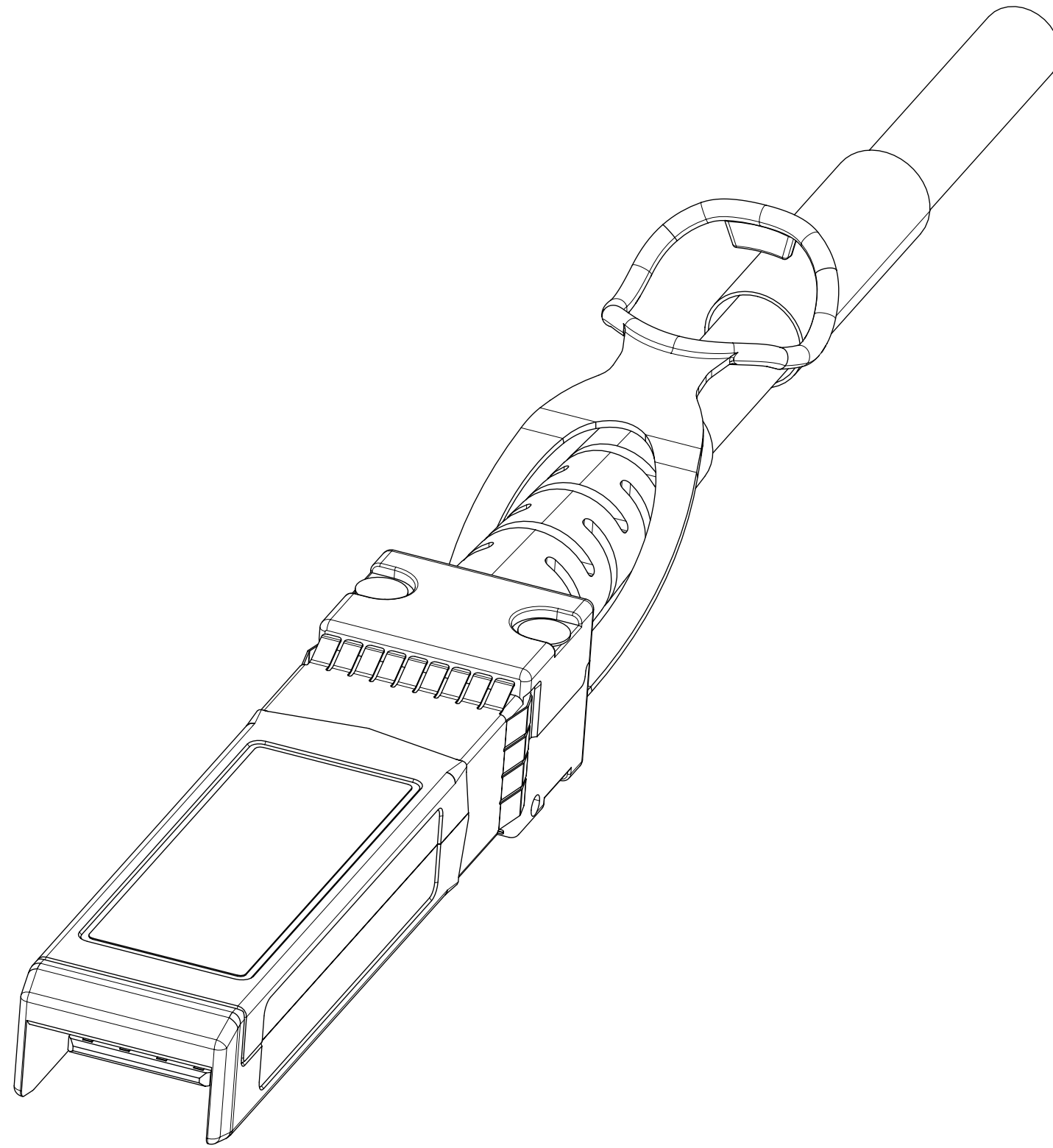
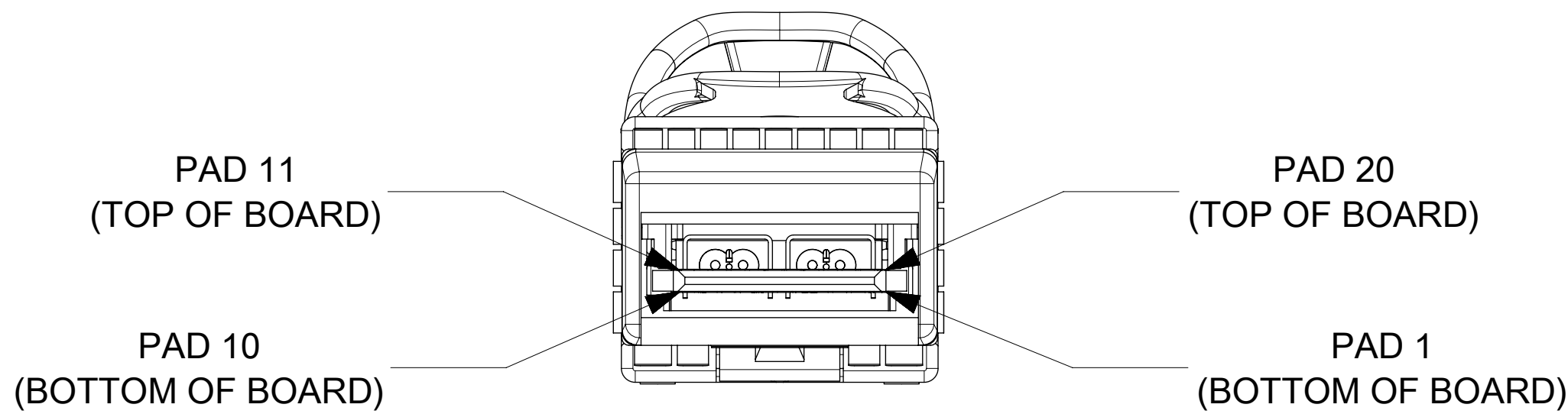
WIRING DIAGRAM					
P1 END				P2 END	
PAD	SIGNAL			PAD	SIGNAL
12	RD-	<----		19	TD-
13	RD+	<----		18	TD+
18	TD+	---->		13	RD+
19	TD-	---->		12	RD-
02	Tx_Fault	NC	NC	02	Tx_Fault
03	Tx_Disable	NC	NC	03	Tx_Disable
04	SDA	□	□	04	SDA
05	SCL	□	□	05	SCL
06	Mod_ABS	NC	NC	06	Mod_ABS
07	RS0	NC	NC	07	RS0
08	Rx_LOS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



FUNCTIONAL 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 NEW PN TO PN TABLE IN SHEET 3		ZSFP+ TO ZSFP+ 28G PASSIVE CABLE ASSEMBLY							
		mm		4:1											
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 2.0°															
DIVISIONAL SYMBOLS		4 PLACES		±				EC NO: 646922		2020/10/09					
		3 PLACES		±		DRWN: ADITHK									
		2 PLACES		± 0.13		CHK'D: SKAMATHN		2020/10/09							
		1 PLACE		± 0.25		APPR: KNAGANNA		2020/10/12							
		0 PLACES		±		INITIAL REVISION:		2016/10/21							
						DRWN: DRAMIREZ02						2016/10/25			
						APPR: ARAYBURN									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		111145		SEE P/N TABLE		GENERAL MARKET		2 OF 3	

PART NUMBER TABLE

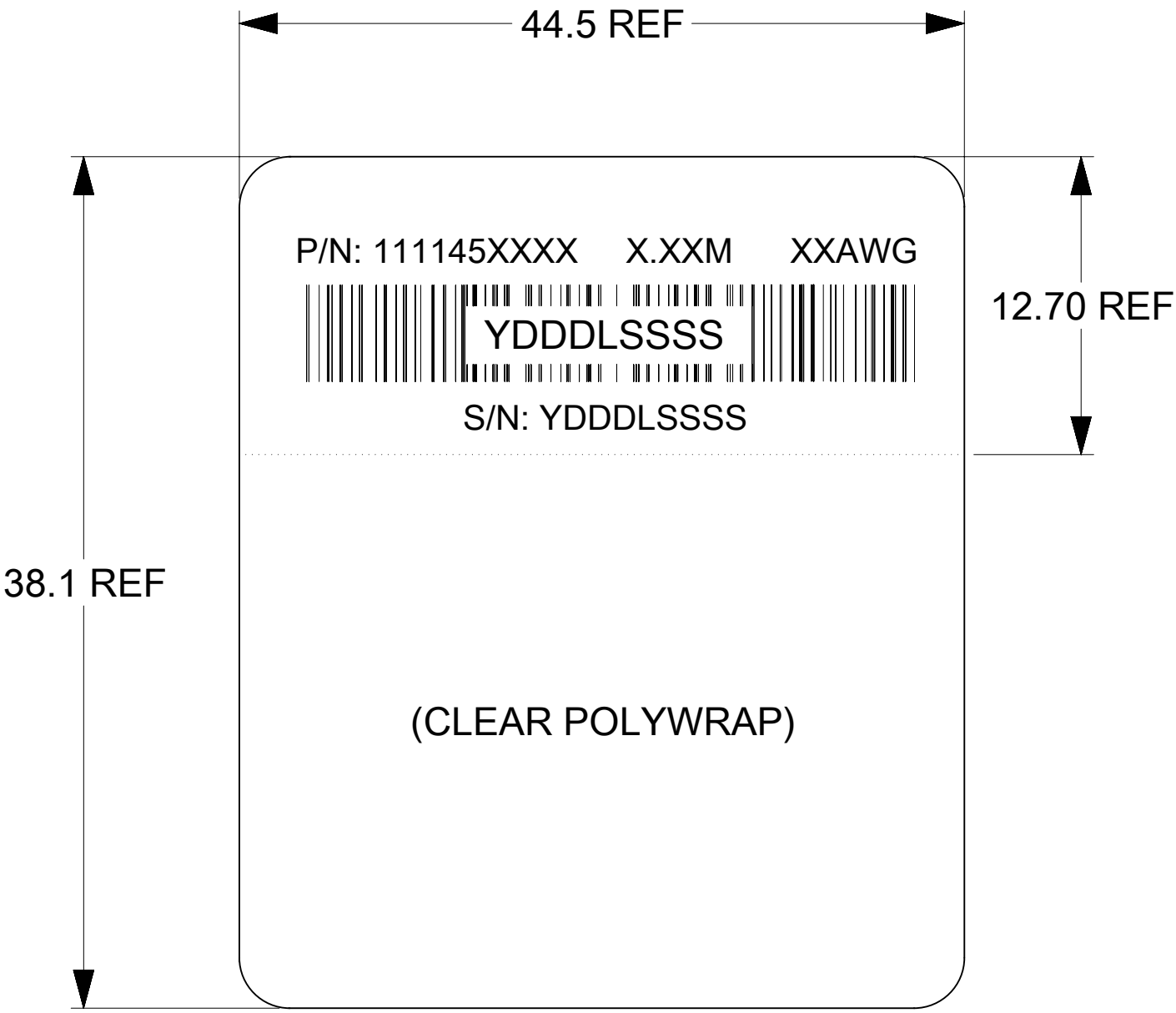
PART NUMBER	LENGTH	TOL.	AWG	WITH DUST COVER
1111451021*	0.25M	±0.03M	30	NO
1111451031*	0.3M	±0.03M	30	NO
1111451051	0.5M	±0.05M	30	NO
1111451081	0.8M	±0.05M	30	NO
1111451082	0.85M	+0.05 M -0.02 M	30	NO
1111451101	1.0M	±0.05M	30	NO
1111451151	1.5M	±0.05M	30	NO
1111451201	2.0M	±0.05M	30	NO
1111451251	2.5M	±0.05M	30	NO
1111451301	3.0M	±0.05M	30	NO
1111451401	4.0M	±0.05M	30	NO
1111453201	2.0M	±0.05M	26	NO
1111453301	3.0M	±0.05M	26	NO
1111453351	3.5M	±0.05M	26	NO
1111453401	4.0M	±0.05M	26	NO
1111453451	4.5M	±0.05M	26	NO
1111453501	5.0M	±0.08M	26	NO
1111451103	1.0M	±0.05M	30	YES
1111451153	1.5M	±0.05M	30	YES
1111451203	2.0M	±0.05M	30	YES
1111451253	2.5M	±0.05M	30	YES

NOTES:
CUSTOM CABLE LENGTH AND GAUGE AVAILABLE UPON REQUEST

*CABLE LENGTHS 1M OR LESS THAN 1M 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

CABLE ID LABEL



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)

FUNCTIONAL SYMBOLS F A = 0 F C = 0 F P = 0 DIVISIONAL 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 NEW PN TO PN TABLE IN SHEET 3						
	mm		1:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 646922 DRWN: ADITHK2020/10/09 CHK'D: SKAMATHN2020/10/09 APPR: KNAGANNA2020/10/12						
	ANGULAR TOL ± 2.0 °										
	4 PLACES		±								
	3 PLACES		±		INITIAL REVISION: DRWN: DRAMIREZ022016/10/21 APPR: ARAYBURN2016/10/25						
	2 PLACES		± 0.13								
	1 PLACE		± 0.25								
	0 PLACES		±		THIRD ANGLE PROJECTION D-SIZE111145						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
DOCUMENT STATUS		P1		RELEASE DATE		2020/10/12		15:25:15			

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