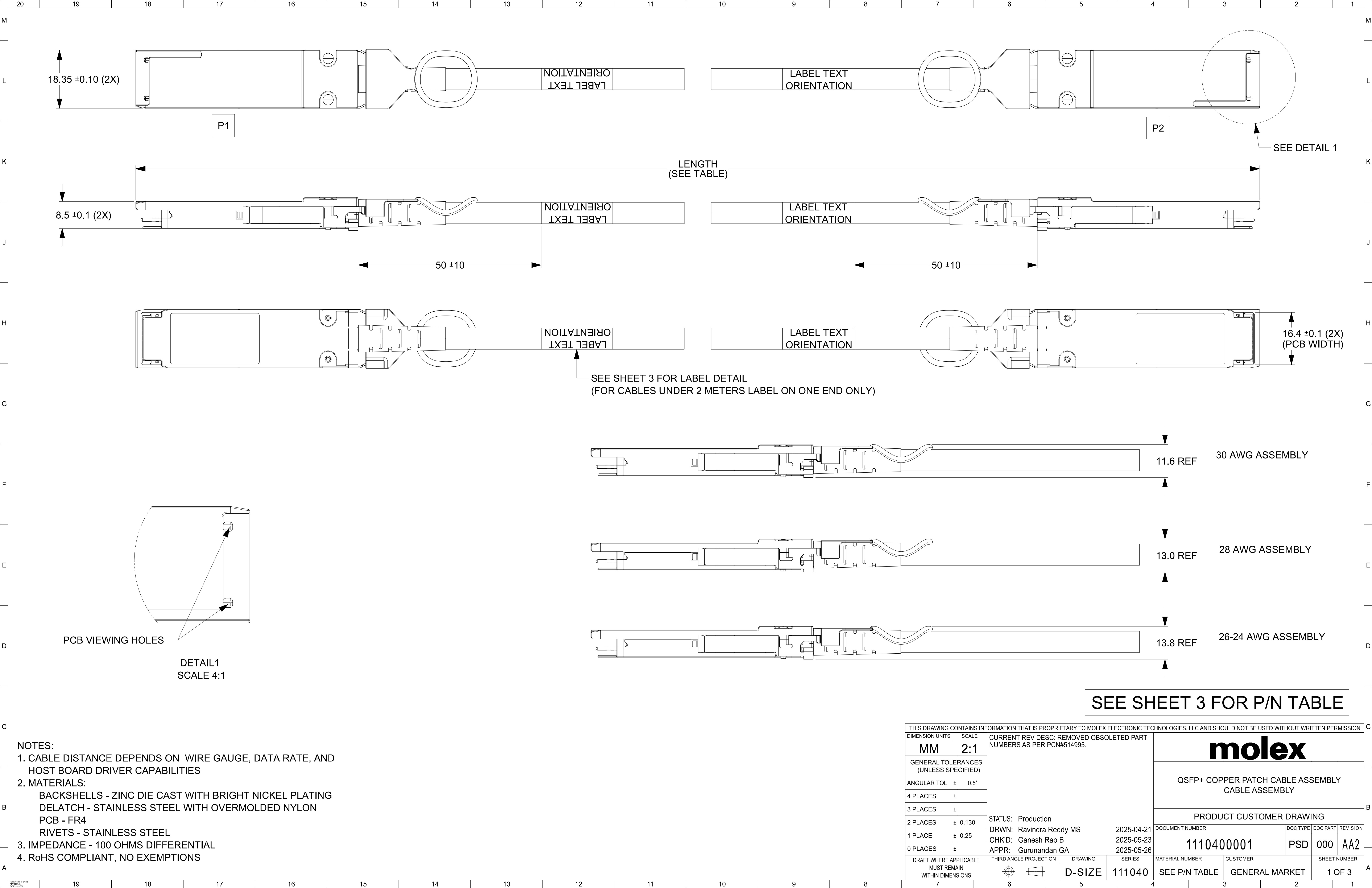
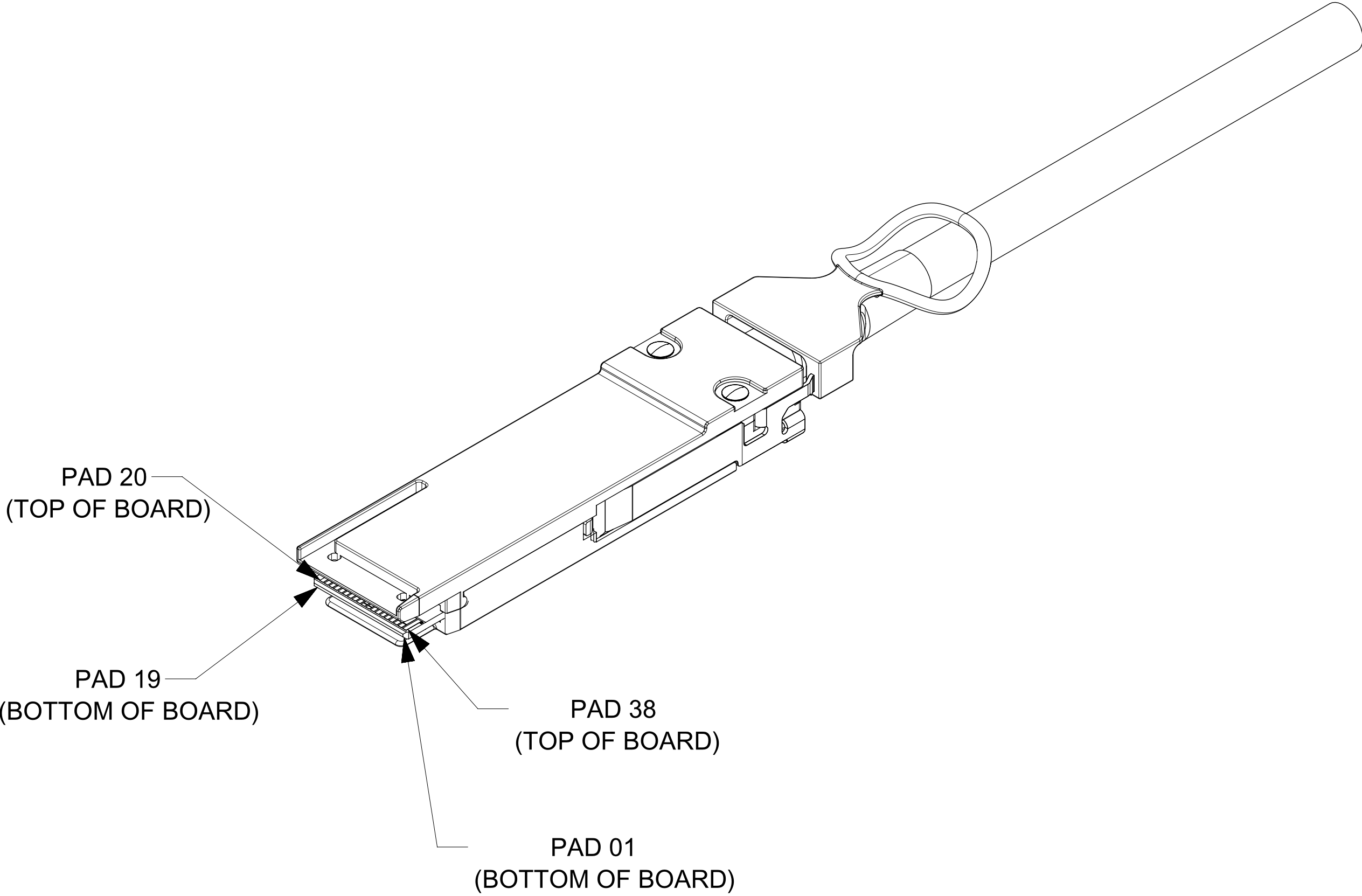
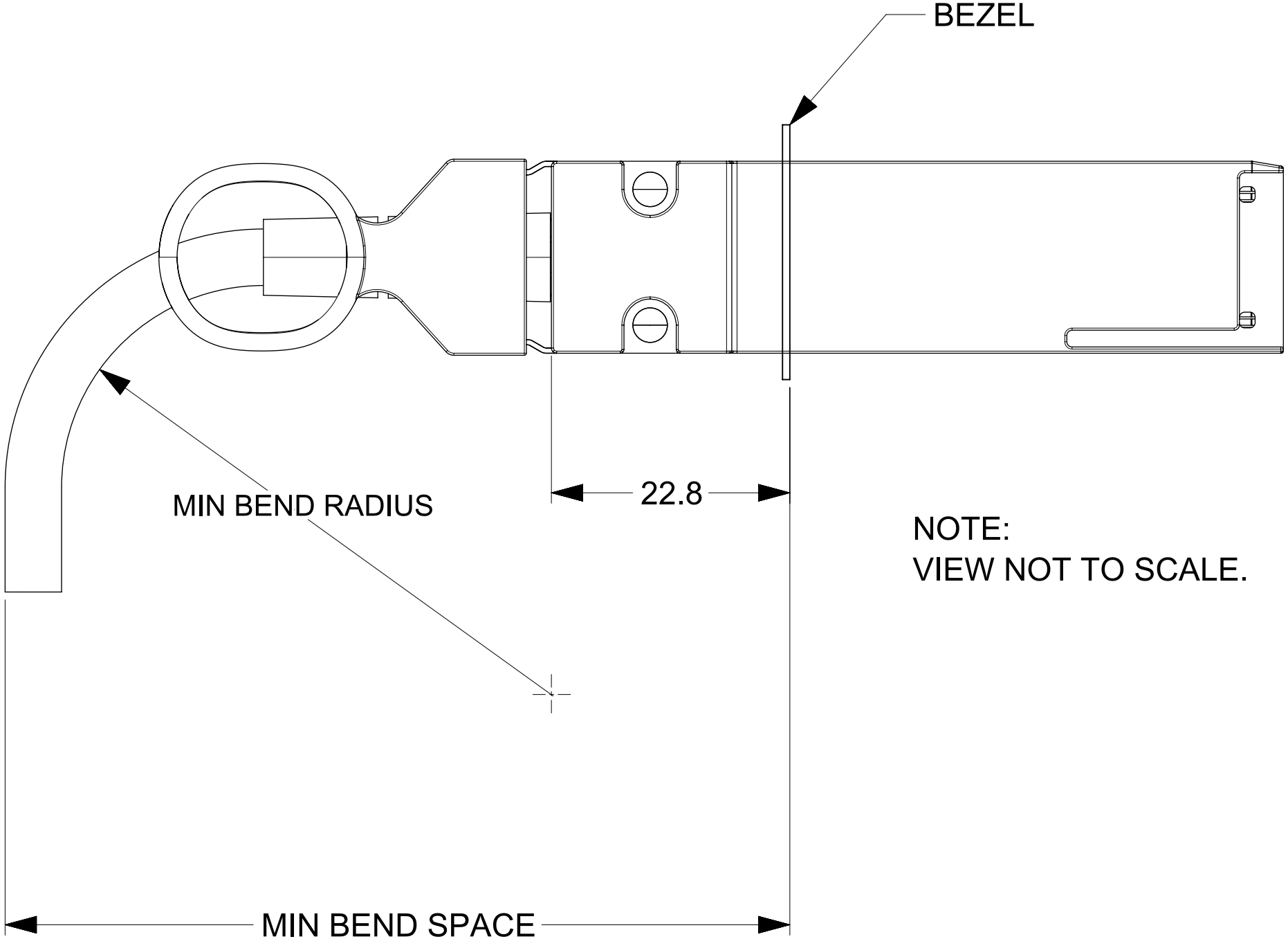




THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#514995.						
MM		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	±	0.5°							
4 PLACES	±								
3 PLACES	±								
2 PLACES	±	0.130	STATUS: Production DRWN: Ravindra Reddy MS CHK'D: Ganesh Rao B APPR: Gurunandan GA		2025-04-21 2025-05-23 2025-05-26		PRODUCT CUSTOMER DRAWING		
1 PLACE	±	0.25					DOCUMENT NUMBER	DOC TYPE	DOC PART
0 PLACES	±						1110400001	PSD	000
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
			D-SIZE	111040	SEE P/N TABLE	GENERAL MARKET	1 OF 3		

WIRING DIAGRAM					
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)
08	ModSelL			27	ModPrsL
09	ResetL			28	IntL
10	VccRx			29	VccTx
11	SCL		NC	30	Vcc1
12	SDA			31	LPmode
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)
27	ModPrsL			08	ModSelL
28	IntL			09	ResetL
29	VccTx			10	VccRx
30	Vcc1	NC		11	SCL
31	LPMode			12	SDA
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)

LEGEND:
---- = THRU LINES
----> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
C = COMMON GROUND CONNECTION
NC = NOT CONNECTED
 = CONNECTION TO A DEVICE ON THE PCB



CABLE BEND RADIUS

CABLE AWG	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
24	51	84
26	44	76
28	39	70
30	33	62

- NOTES:
- DC BLOCKING CAPS ON RECEIVE SIDE ONLY
 - CABLE COILED AND PACKAGED IN BEST FIT ESD BAG AND SEALED WITH ESD LABEL FOR SHIPPING

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DIMENSION UNITS	SCALE
MM	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#514995.

STATUS: Production

DRWN: Ravindra Reddy MS

CHK'D: Ganesh Rao B

APPR: Gurunandan GA

2025-04-21

2025-05-23

2025-05-26

THIRD ANGLE PROJECTION

DRAWING

D-SIZE

111040

DOCUMENT NUMBER

1110400001

DOC TYPE

PSD

DOC PART

000

REVISION

AA2

MATERIAL NUMBER

SEE P/N TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

PRODUCT CUSTOMER DRAWING

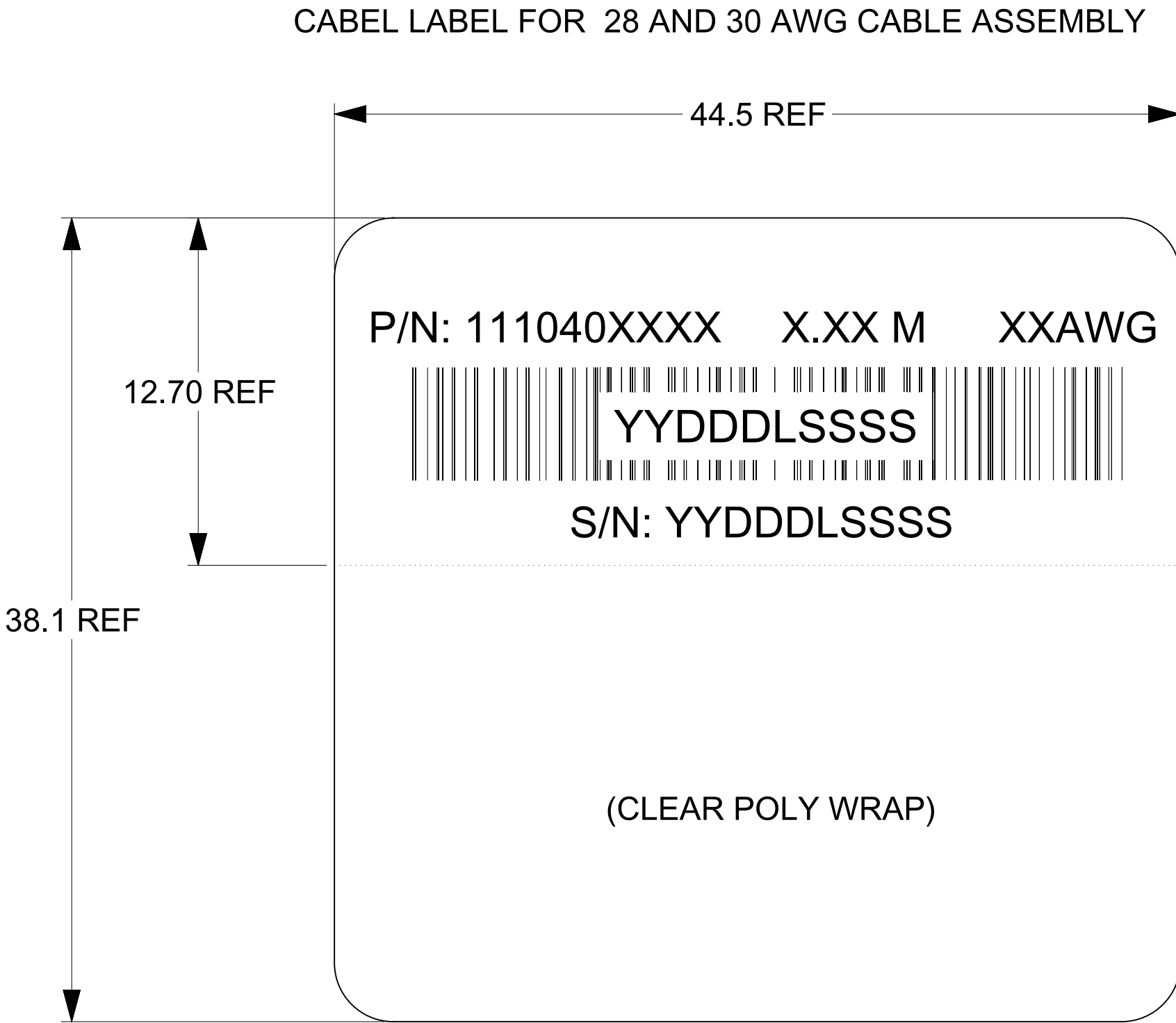
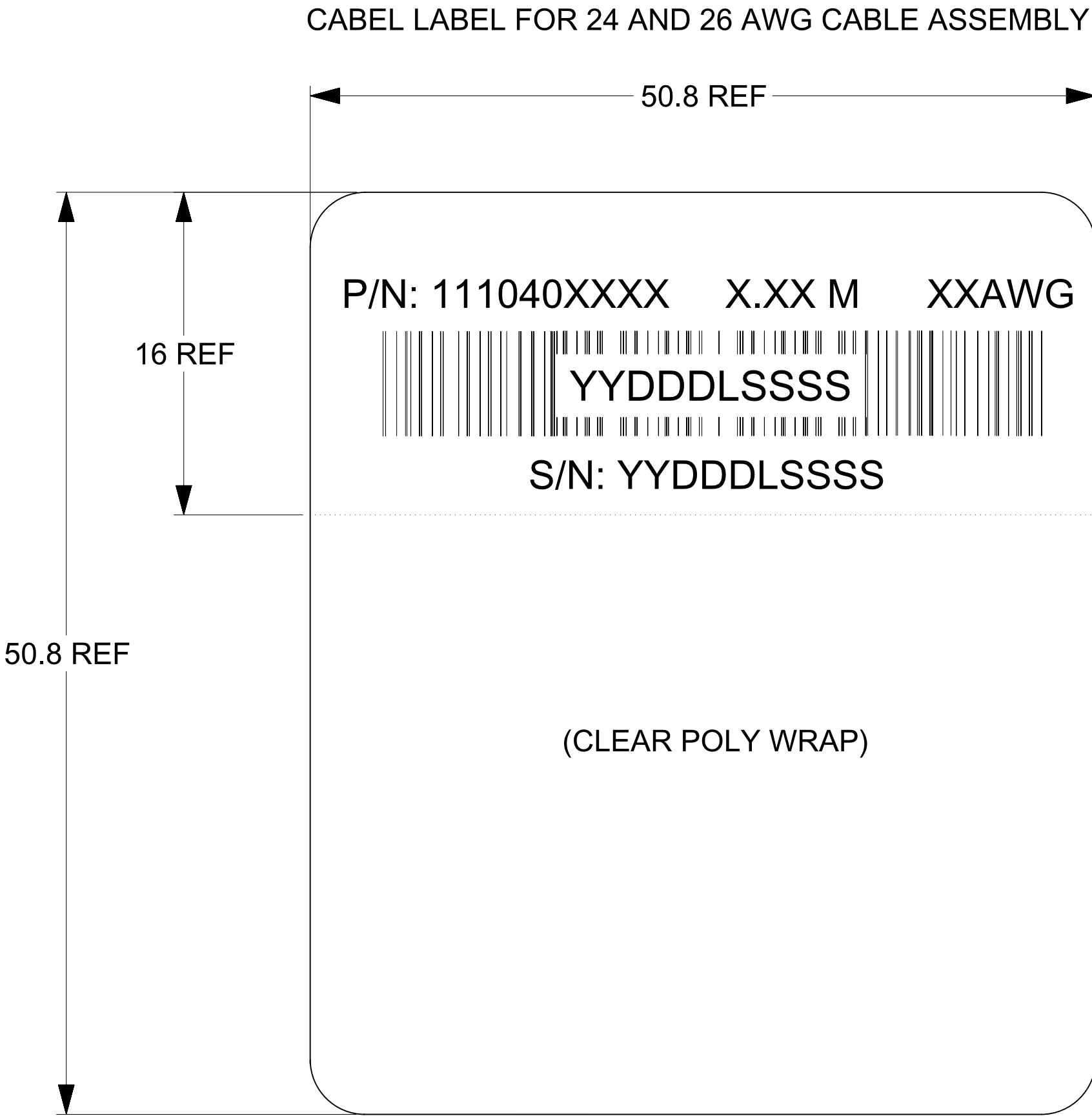
QSF+ COPPER PATCH CABLE ASSEMBLY

CABLE ASSEMBLY

PART NUMBER TABLE

MOLEX PN	LENGTH (M)	LENGTH TOLERANCE (mm)	AWG
1110401054	0.5	±30	30
1110401104	1.0	±50	30
1110401154	1.5	±50	30
1110401204	2.0	±50	30
1110401304	3.0	±50	30
1110401504	5.0	±80	30
1110402304	3.0	±50	28
1110403304	3.0	±50	26
1110403509	5.0	±80	26
1110404708	7.0	±80	24

CABLE LABEL DETAILS



P/N: 111040XXXX - MOLEX PART NUMBER (SEE P/N TABLE)

X.XX M - CABLE LENGTH IN METERS (EXAMPLES - 0.5M, 1.0M, 1.5M)

XXAWG - CABLE SIZE IN AWG

S/N: YYDDDLSSSS - SERIAL NUMBER
YY = YEAR, THE LAST TWO DIGITS OF THE YEAR
DDD = DAY OF THE YEAR
L = LOCATION
1 - USA
2 - MEXICO
3 - CHINA
4 - PHILIPPINES
SSSS = SERIAL NUMBER (0001-9999)

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DIMENSION UNITS		SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#514995.				molex		
MM		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	±	0.5°							
4 PLACES	±								
3 PLACES	±						PRODUCT CUSTOMER DRAWING		
2 PLACES	±	0.130	STATUS: Production DRWN: Ravindra Reddy MS 2025-04-21 CHK'D: Ganesh Rao B 2025-05-23 APPR: Gurunandan GA 2025-05-26				DOCUMENT NUMBER		
1 PLACE	±	0.25					1110400001		
0 PLACES	±						PSD 000 AA2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
			D-SIZE	111040	SEE P/N TABLE		GENERAL MARKET		3 OF 3