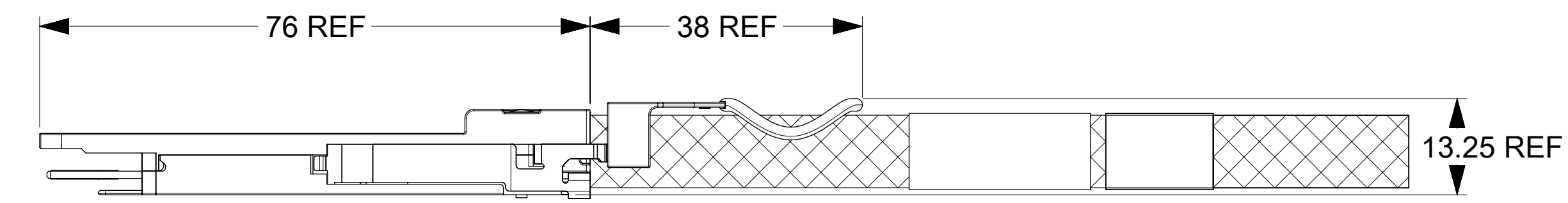
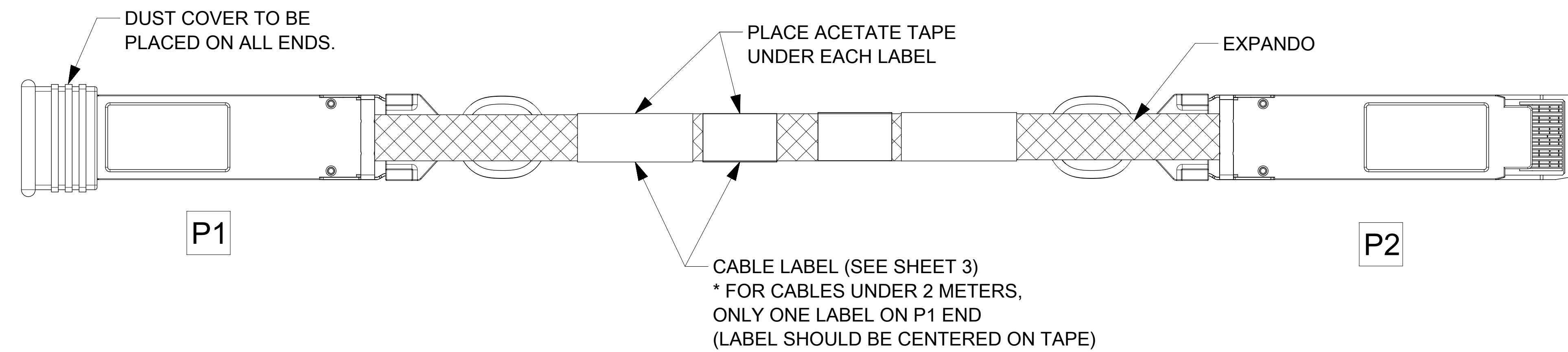


PCB VIEWING HOLES
 DETAIL A
 SCALE 5:1

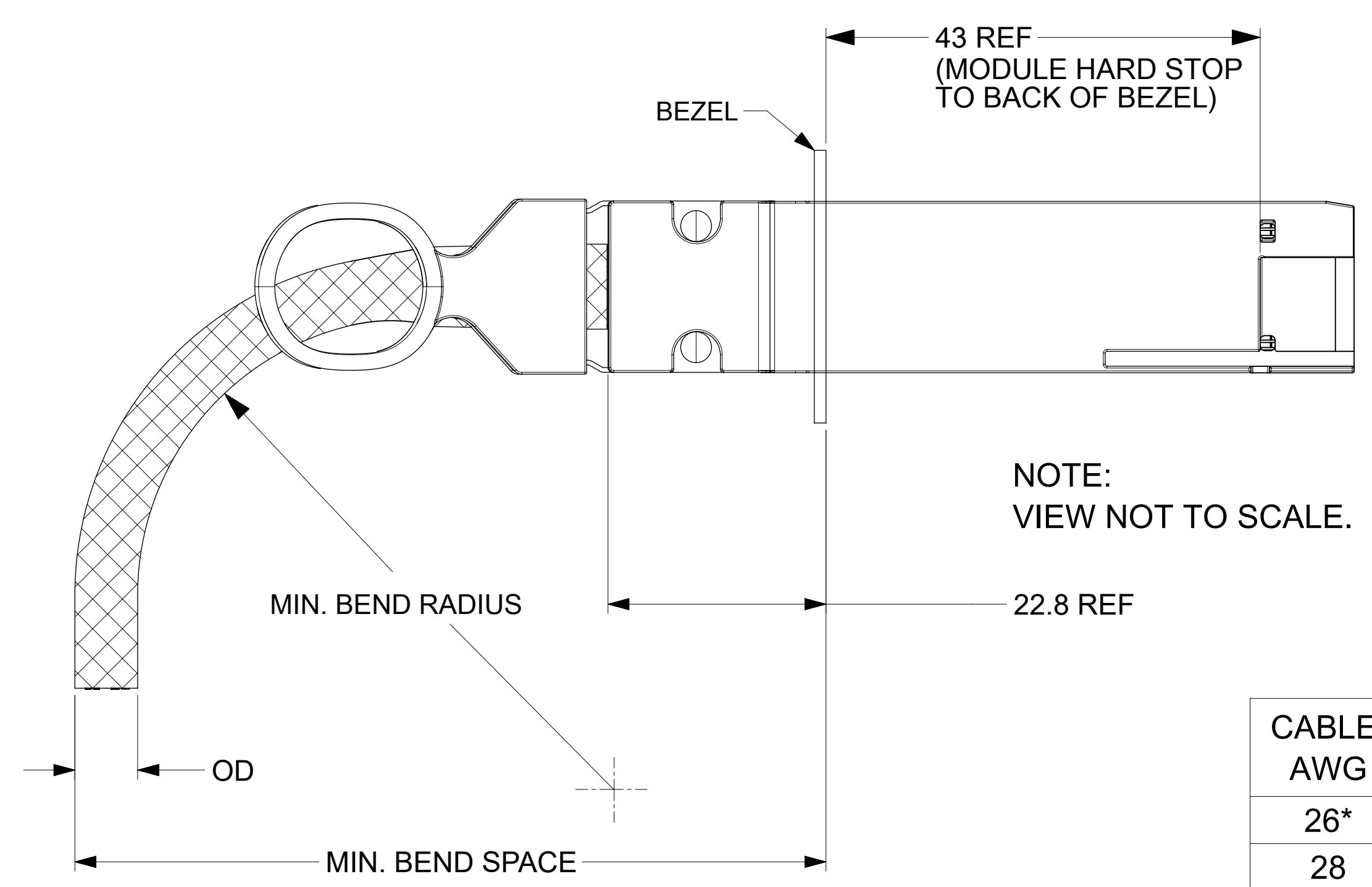


- NOTES:**
- CABLE LENGTH DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
 - MATERIALS:**
 - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
 - DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON
 - RIVETS - STAINLESS STEEL
 - IMPEDANCE - 100 OHMS DIFFERENTIAL
 - BUNDLED CABLE RATED UL VW-1 FLAME PER UL STYLE 21479
 - EEPROM MAP AVAILABLE UPON REQUEST
 - RoHS COMPLIANT, NO EXEMPTIONS

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		CURRENT REV DESC: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE					
	DIMENSION UNITS mm	SCALE 2:1	GENERAL TOLERANCES (UNLESS SPECIFIED)					
	ANGULAR TOL $\pm 5.0^\circ$		EC NO: 677116 DRWN: ADITHK 2021/05/24 CHK'D: VITTAD 2021/09/09 APPR: MGARRISON 2021/09/10					
	4 PLACES \pm 3 PLACES \pm 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES \pm		INITIAL REVISION: DRWN: TPRATT 2016/11/08 APPR: CHIRSCHY 2016/11/10					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING D-SIZE	SERIES 201591	DOCUMENT NUMBER 2015911005	DOC TYPE PSD	DOC PART 000	REVISION U
PRODUCT CUSTOMER DRAWING		MATERIAL NUMBER SEE P/N TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 4		

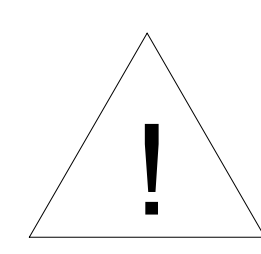
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CABLE BEND RADIUS

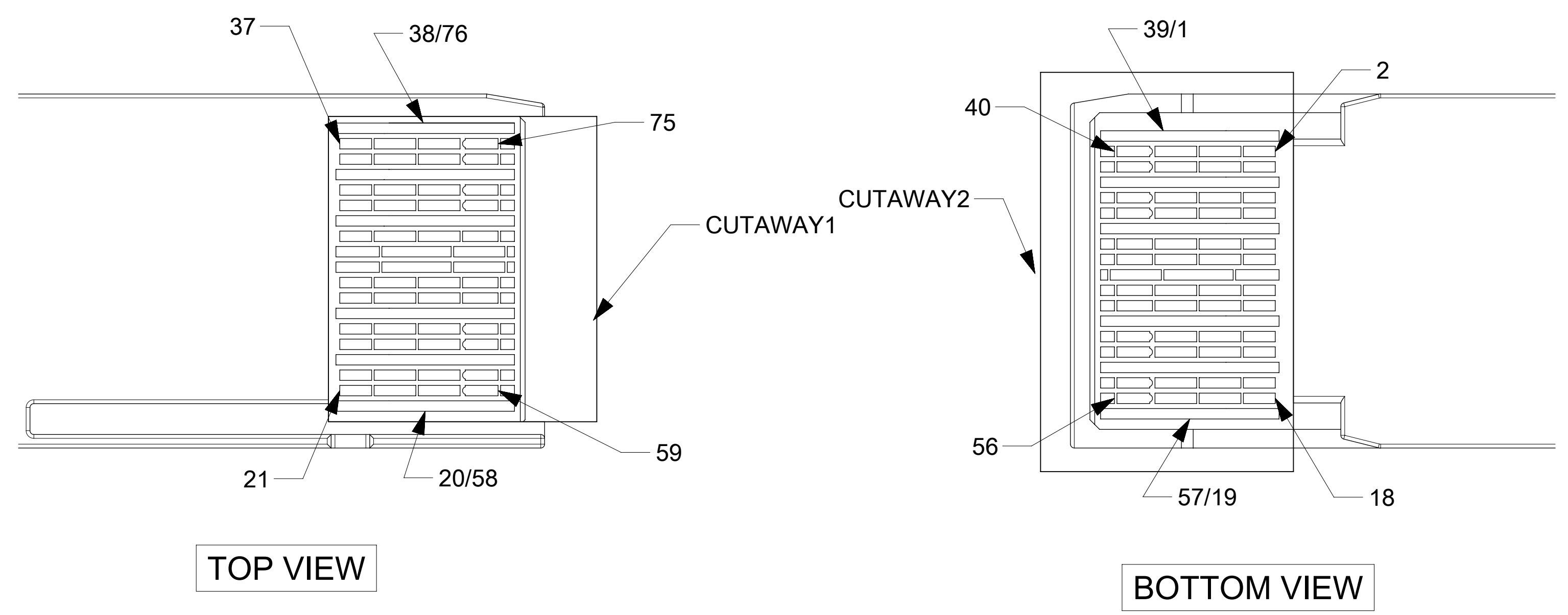


NOTE:
VIEW NOT TO SCALE.

CABLE AWG	OD (mm)	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
26*	(13)	(65)	(101)
28	(11)	(55)	(89)
30	(9.4)	(45)	(77)



*MINIMUM BEND RADIUS PENDING QUALIFICATION. NUMBERS ABOVE ARE ESTIMATES AND SUBJECT TO CHANGE.



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

FUNCTIONAL SYMBOLS $F_A = 0$ $F_C = 0$ $F_D = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE	
	DIMENSION UNITS	SCALE	EC NO: 677116	
	mm	20:1	DRWN: ADITHK	2021/05/24
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: VITTAD	2021/09/09
ANGULAR TOL $\pm 5.0^\circ$		APPR: MGARRISON	2021/09/10	
4 PLACES \pm		INITIAL REVISION:		
3 PLACES \pm		DRWN: TPRATT	2016/11/08	
2 PLACES ± 0.13		APPR: CHIRSCHY	2016/11/10	
1 PLACE ± 0.25		DOCUMENT NUMBER		
0 PLACES \pm		2015911005		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING	SERIES	
THIRD ANGLE PROJECTION		D-SIZE	201591	
MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
SEE P/N TABLE		GENERAL MARKET	2 OF 4	

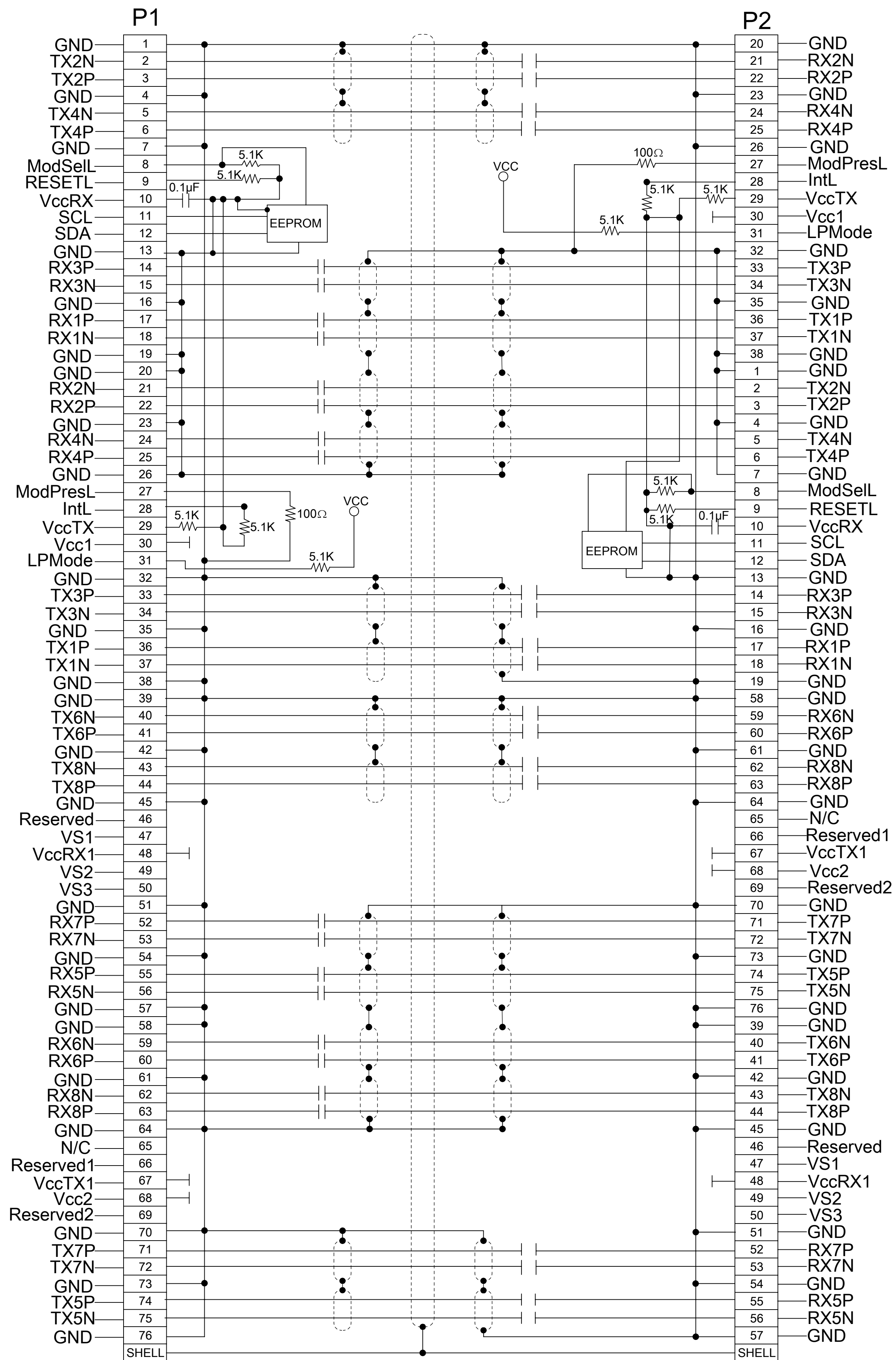


QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY

PRODUCT CUSTOMER DRAWING

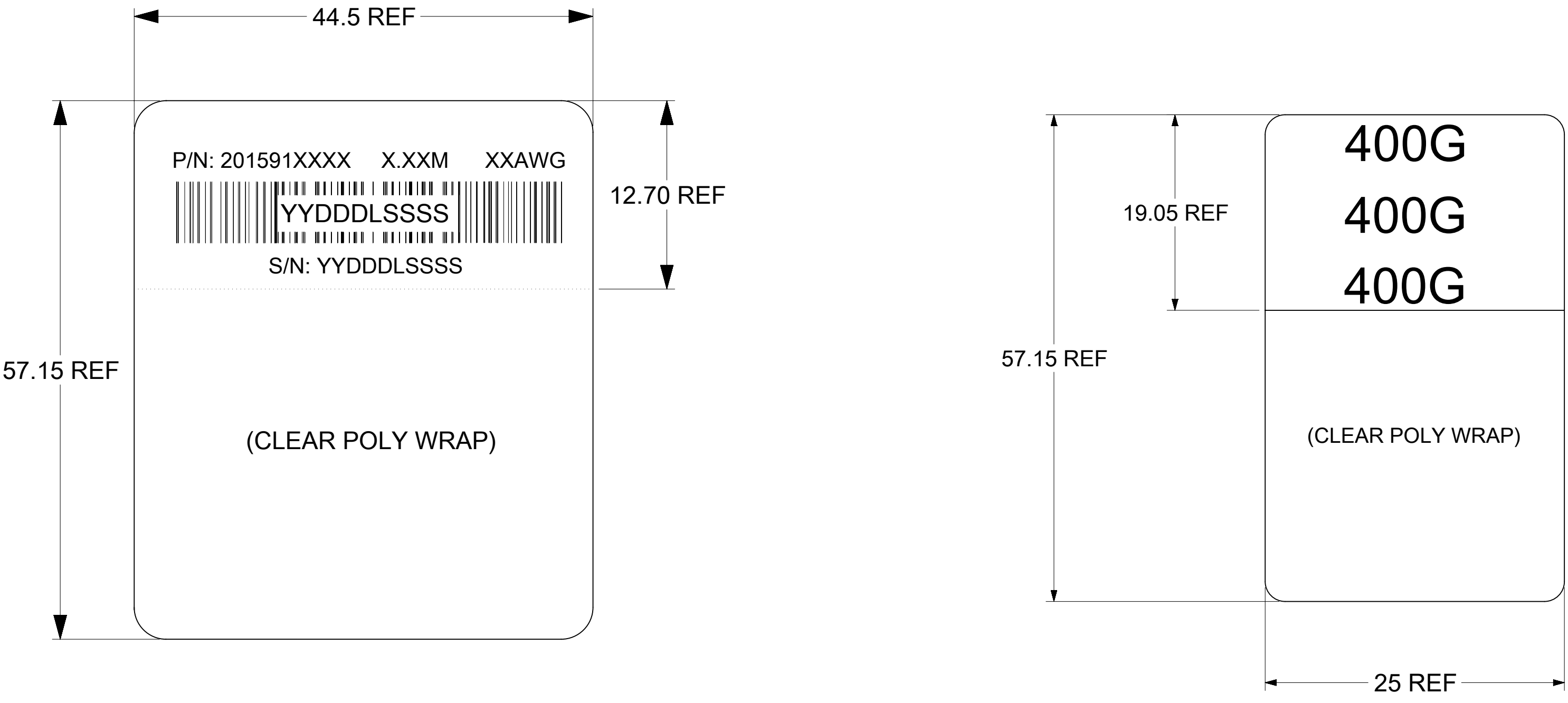
PSD 000 U

WIRING DIAGRAM



FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	DIMENSION UNITS mm	SCALE 1:1	CURRENT REV DESC: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE		
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 5.0^\circ$			<div style="font-size: 24px; font-weight: bold; margin-bottom: 10px;">molex</div> QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY	
DIVISIONAL SYMBOLS 4 PLACES \pm 3 PLACES \pm 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES \pm			EC NO: 677116 DRWN: ADITHK 2021/05/24 CHK'D: VITTAD 2021/09/09 APPR: MGARRISON 2021/09/10		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION 	DRAWING D-SIZE	SERIES 201591
DOCUMENT STATUS P1 RELEASE DATE 2021/09/10 01:01:00		DOCUMENT NUMBER <div style="font-size: 18px; font-weight: bold;">2015911005</div>	DOC TYPE PSD	DOC PART 000	REVISION U
SEE P/N TABLE		MATERIAL NUMBER GENERAL MARKET		SHEET NUMBER 3 OF 4	

LABEL DETAILS



P/N: 201591XXXX - MOLEX PART NUMBER (SEE P/N TABLE)

X.XXM - 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: YYDDLSSSS - SERIAL NUMBER
 YY = YEAR, THE LAST 2 DIGITS OF YEAR
 DDD = DAY OF THE YEAR
 L = LOCATION
 1 - USA
 2 - MEXICO
 3 - CHINA
 4 - PHILIPPINES
 SSSS = SERIAL NUMBER (0001-9999)

MOLEX P/N	LENGTH (M)	AWG
2015911005*	0.5M +/- 0.05M	30
2015911007	0.75M +/- 0.05M	30
2015911010	1.0M +/- 0.05M	30
2015911012	1.25M +/- 0.05M	30
2015911015	1.5M +/- 0.08M	30
2015911020	2.0M +/- 0.08M	30
2015913005*	0.5M +/- 0.05M	28
2015913010	1.0M +/- 0.05M	28
2015913012	1.25M +/- 0.05M	28
2015913015	1.5M +/- 0.08M	28
2015913017	1.75M +/- 0.08M	28
2015913020	2.0M +/- 0.08M	28
2015913025	2.5M +/- 0.08M	28
2015913252	2.5M +/- 0.08M	26
2015913027	2.75M +/- 0.08M	26
2015913030	3.0M +/- 0.08M	26

*CABLES MAY NOT MEET ALL IEEE 802.3cd 56G PAM4 PARAMETERS

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE		
	DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	1:1	ANGULAR TOL ± 5.0°		
	EC NO: 677116		4 PLACES ±		
DRWN: ADITHK 2021/05/24		3 PLACES ±		PRODUCT CUSTOMER DRAWING	
CHK'D: VITTAD 2021/09/09		2 PLACES ± 0.13		DOCUMENT NUMBER	
APPR: MGARRISON 2021/09/10		1 PLACE ± 0.25		2015911005	
INITIAL REVISION:		0 PLACES ±		DOC TYPE	
DRWN: TPRATT 2016/11/08		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PSD	
APPR: CHIRSCHY 2016/11/10		THIRD ANGLE PROJECTION		000	
DRAWING		SERIES		REVISION	
D-SIZE		201591		U	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE P/N TABLE		GENERAL MARKET		4 OF 4	