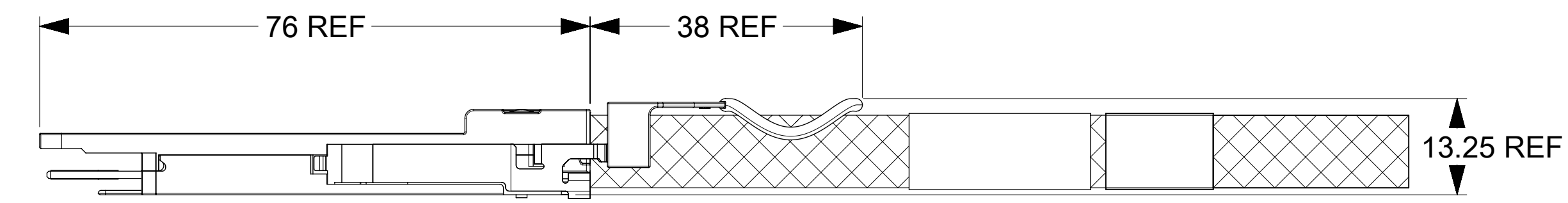
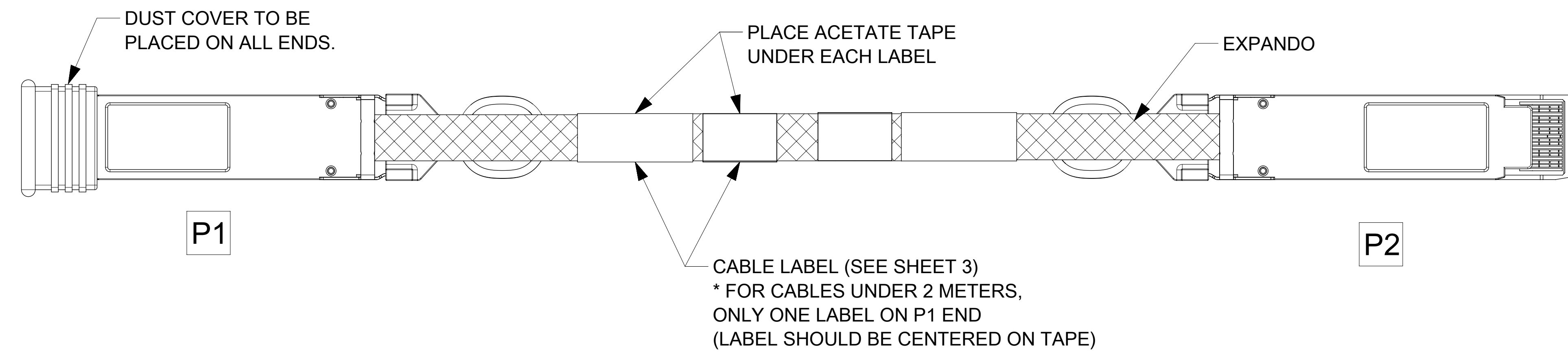


PCB VIEWING HOLES
 DETAIL A
 SCALE 5:1

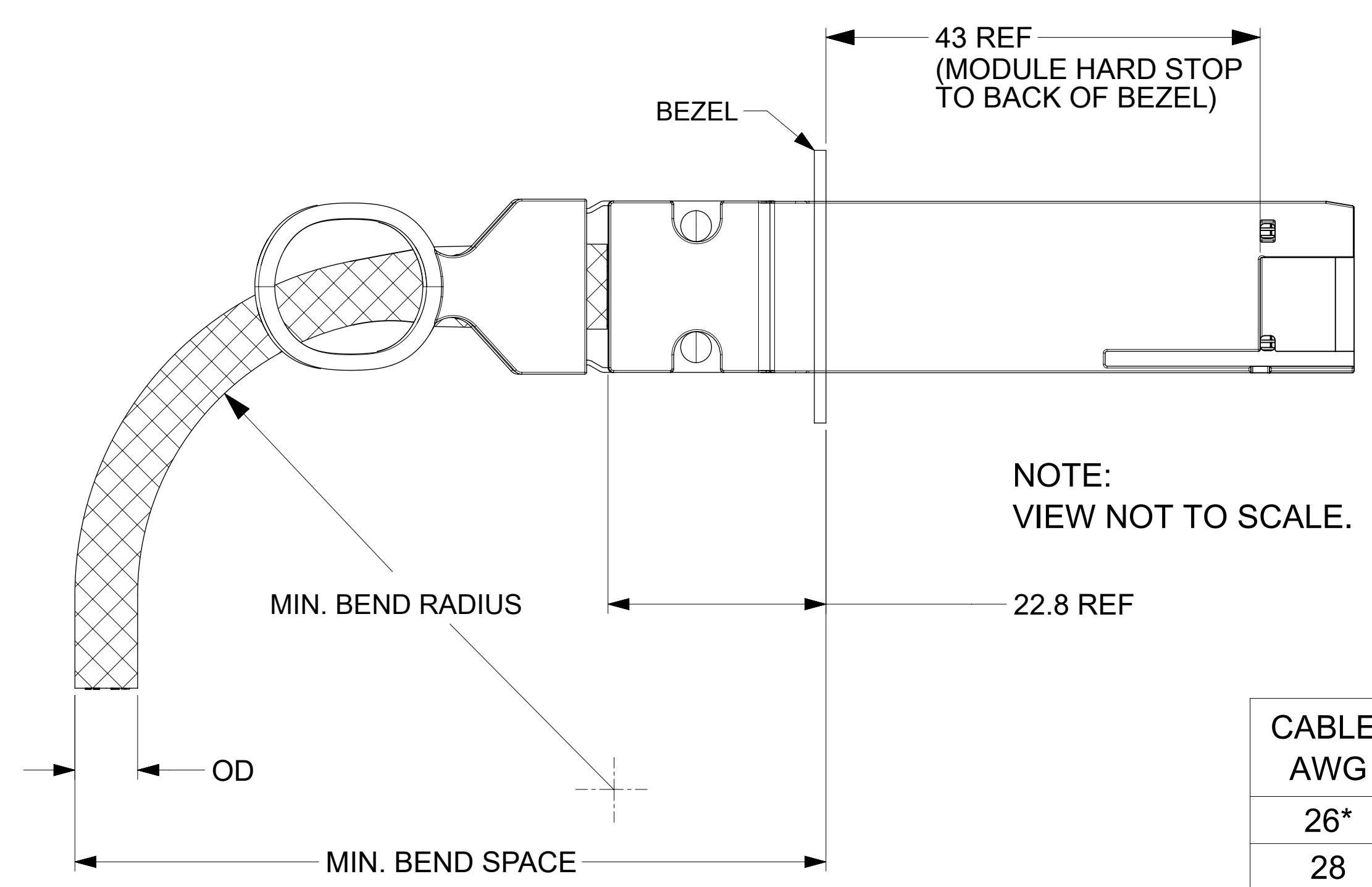


- NOTES:**
- CABLE LENGTH DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
 - MATERIALS:**
 - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
 - DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON
 - RIVETS - STAINLESS STEEL
 - IMPEDANCE - 100 OHMS DIFFERENTIAL
 - BUNDLED CABLE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

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS: mm SCALE: 2:1		CURRENT REV DESC: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE						
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 677116 DRWN: ADITHK 2021/05/24 CHK'D: VITTAD 2021/09/09 APPR: MGARRISON 2021/09/10					QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY	
	ANGULAR TOL ± 5.0°		INITIAL REVISION: DRWN: TPRATT 2016/11/08 APPR: CHIRSCHY 2016/11/10		PRODUCT CUSTOMER DRAWING				
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DOCUMENT NUMBER: 2015911005 DOC TYPE: PSD DOC PART: 000 REVISION: U		
D-DRAWING: D-SIZE		SERIES: 201591		MATERIAL NUMBER: SEE P/N TABLE		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 1 OF 4	

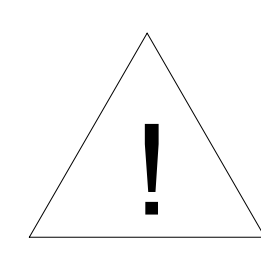
DOCUMENT STATUS	P1	RELEASE DATE	2021/09/10	01:01:00
-----------------	----	--------------	------------	----------

CABLE BEND RADIUS

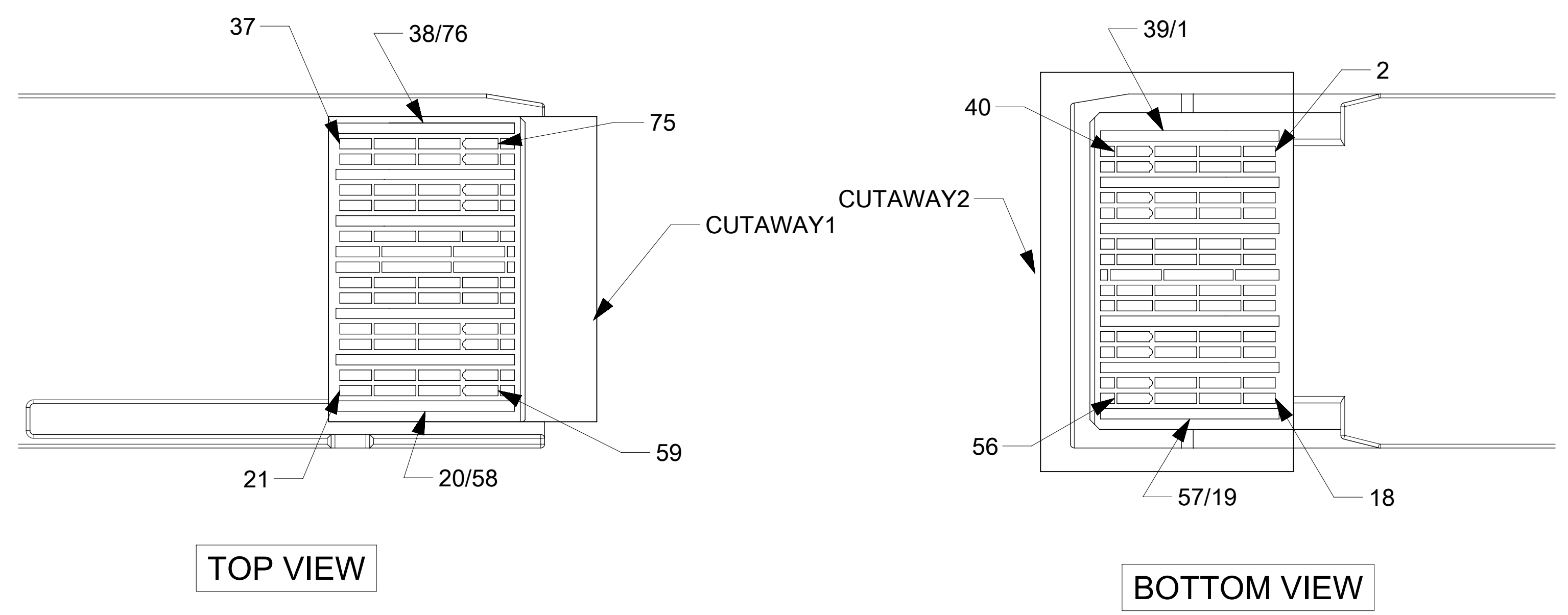


NOTE:
VIEW NOT TO SCALE.

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)



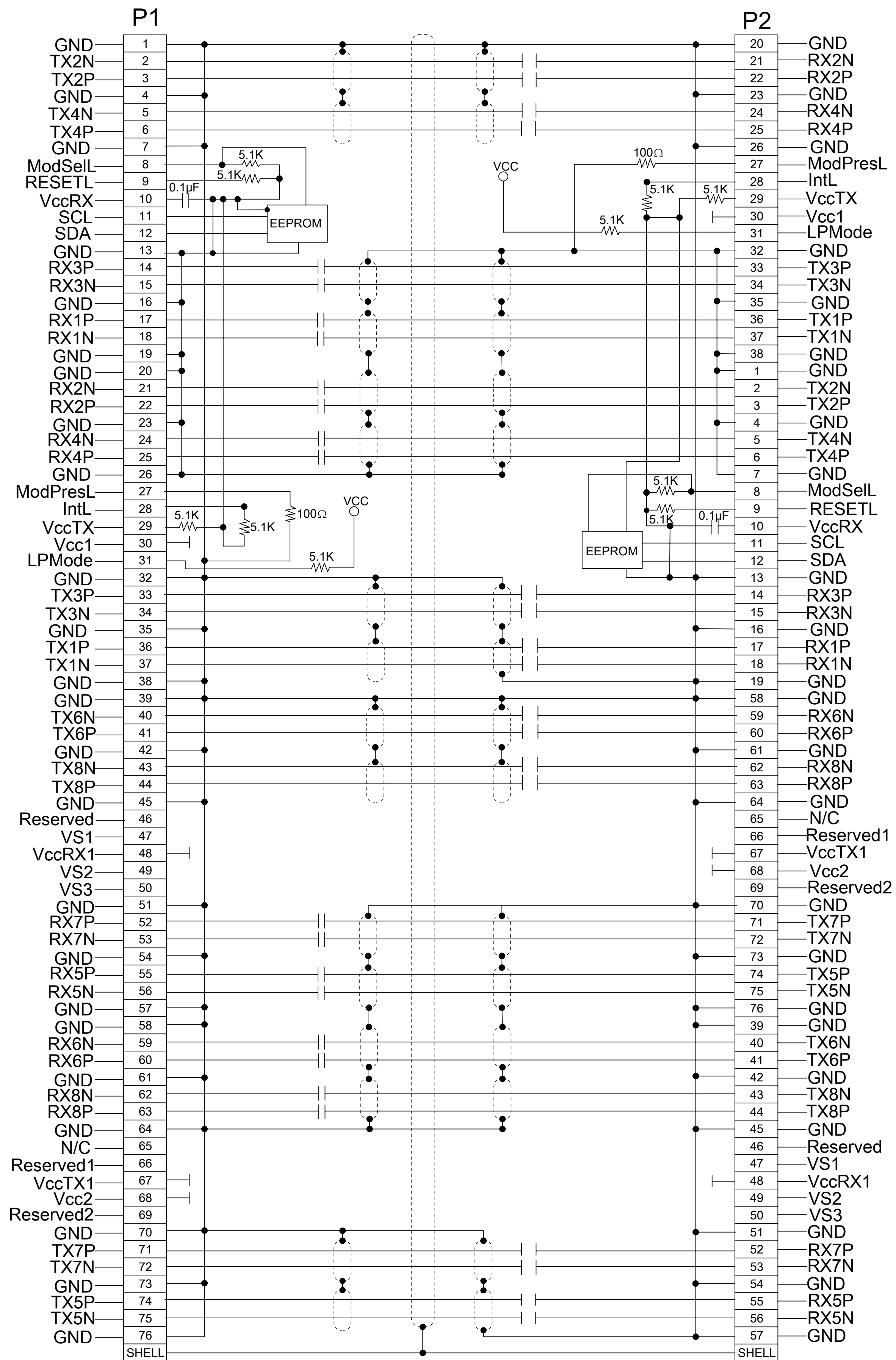
*MINIMUM BEND RADIUS PENDING QUALIFICATION. NUMBERS ABOVE ARE ESTIMATES AND SUBJECT TO CHANGE.



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

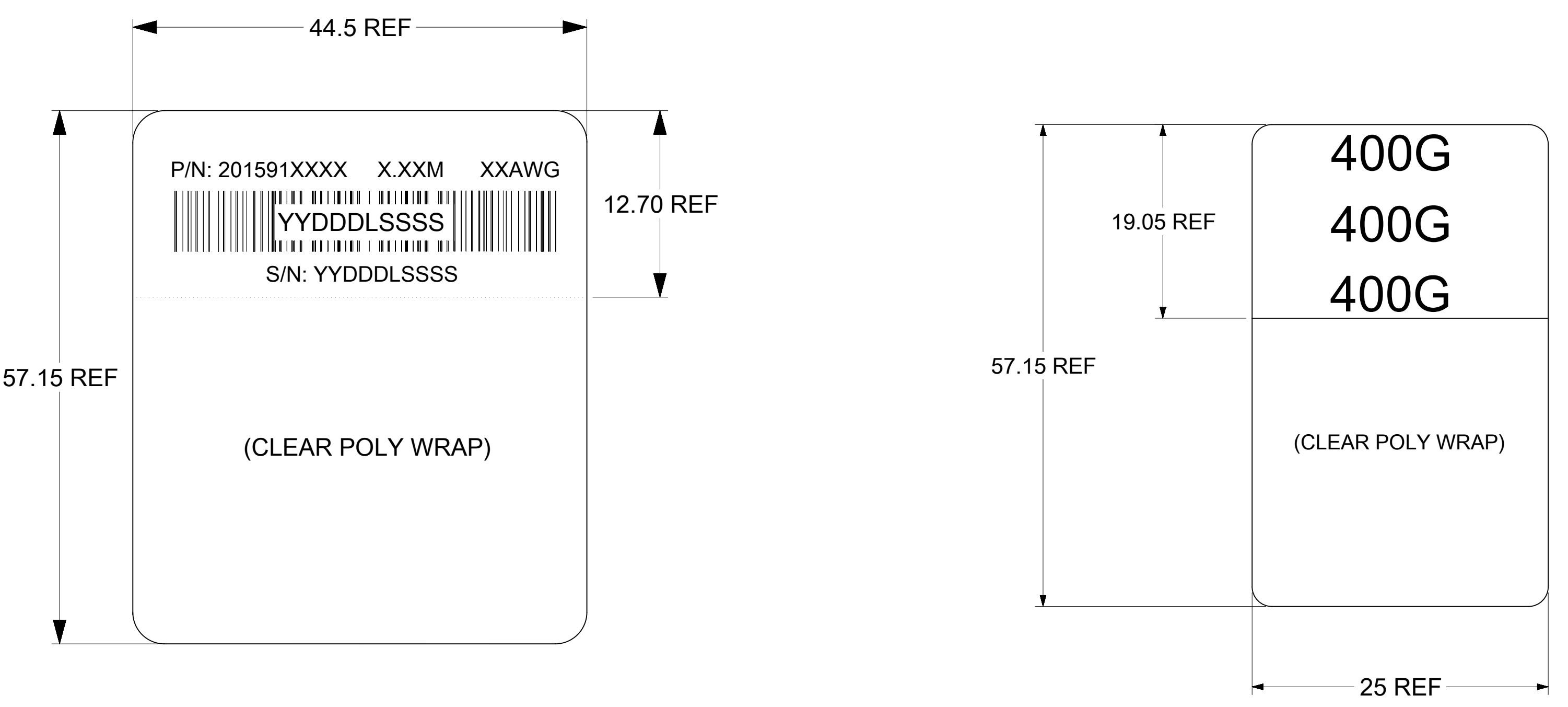
FUNCTIONAL SYMBOLS $F_A = 0$ $F_C = 0$ $F_D = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE				
	DIMENSION UNITS mm	SCALE 20:1	GENERAL TOLERANCES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

WIRING DIAGRAM



FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	DIMENSION UNITS mm	SCALE 1:1	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					
	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	MATERIAL NUMBER 2015911005	CUSTOMER 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		D-SIZE		REVISION	
SERIES		201591		U	
MATERIAL NUMBER		SEE P/N TABLE		SHEET NUMBER	
CUSTOMER		GENERAL MARKET		4 OF 4	