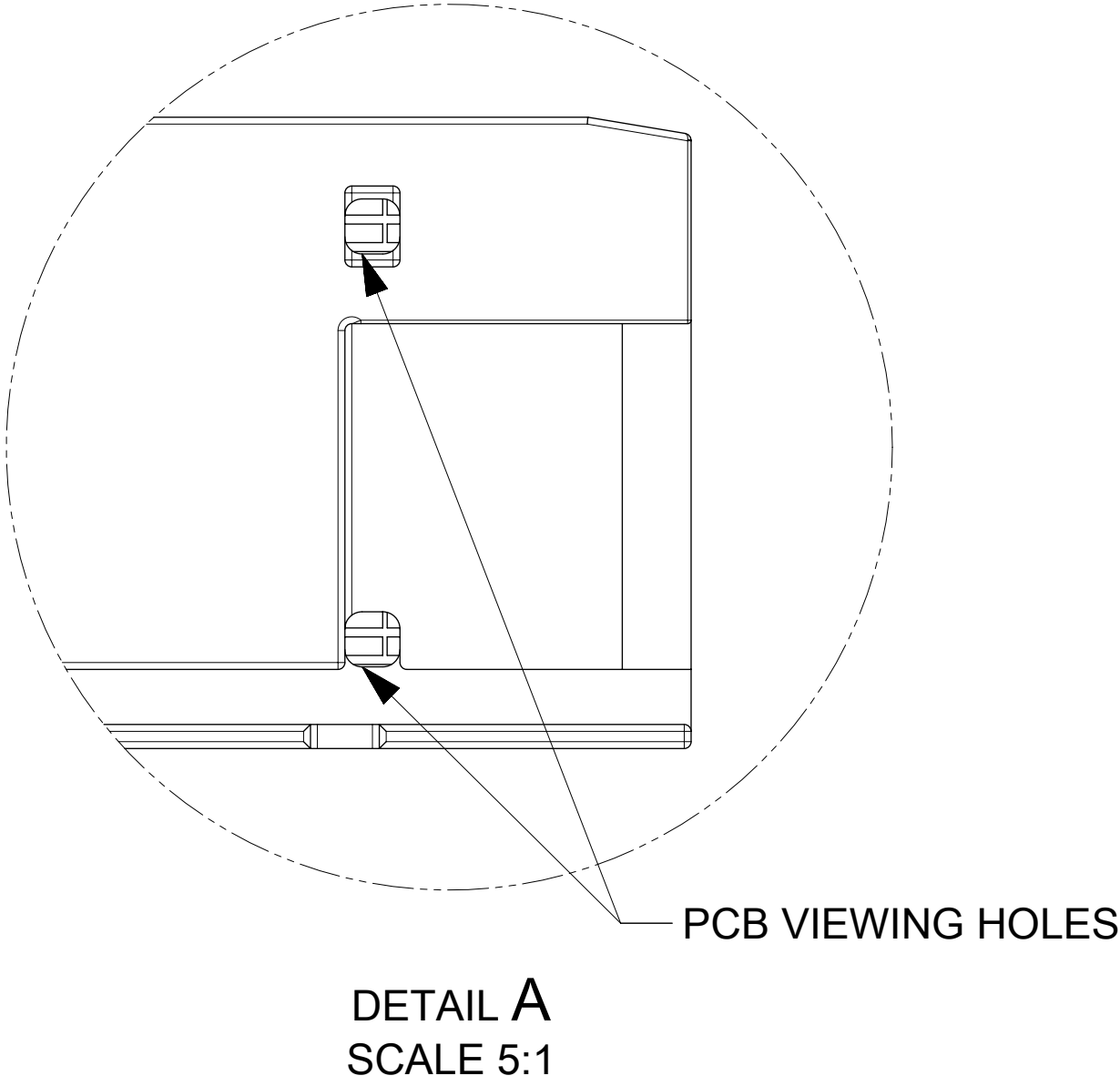
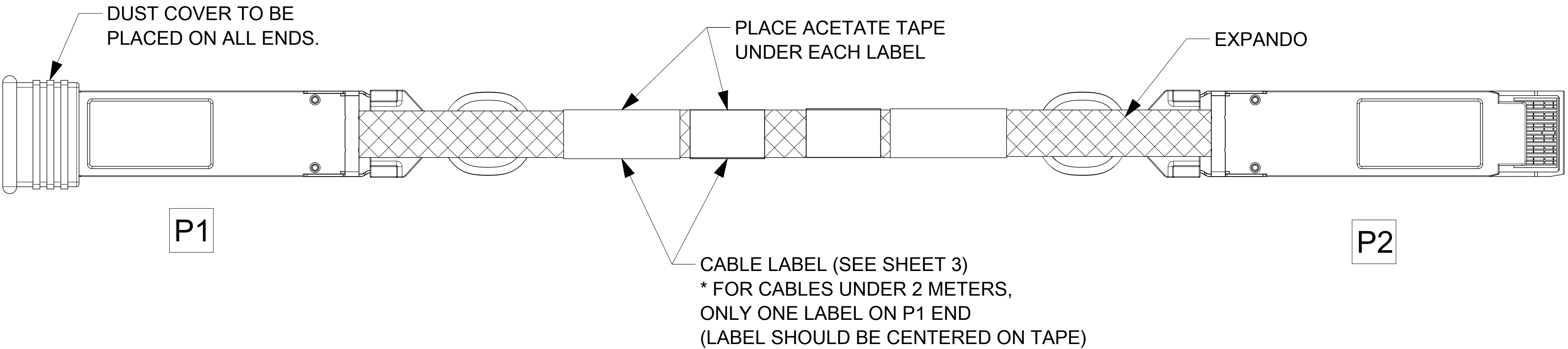
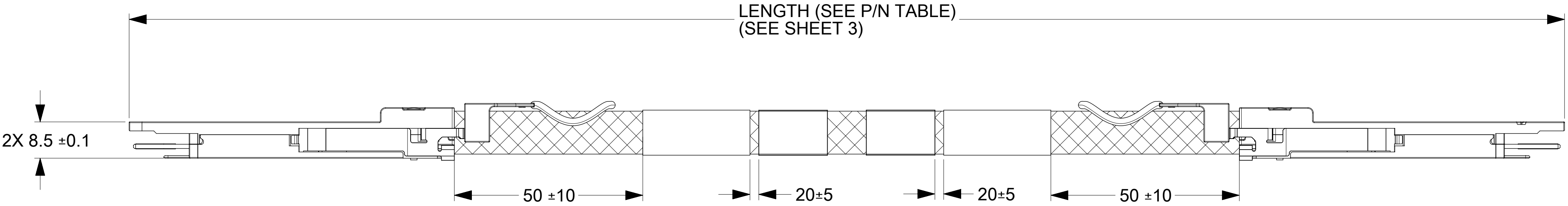
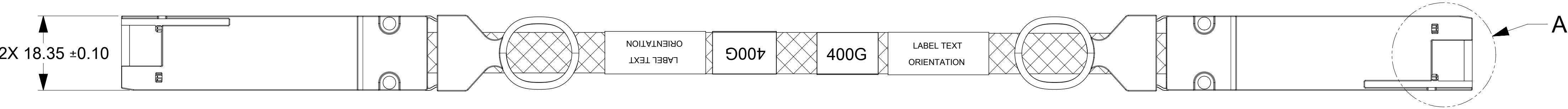
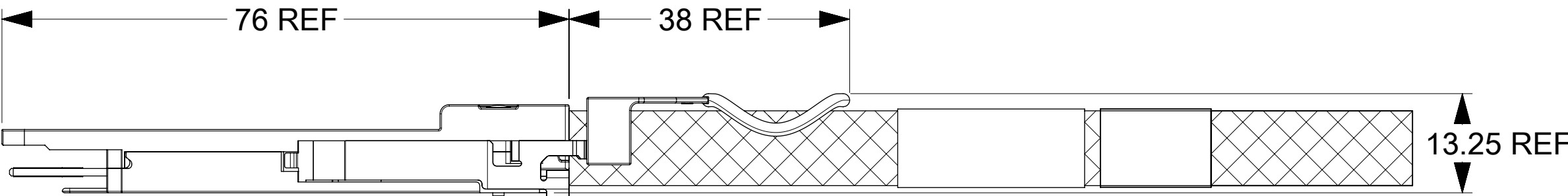
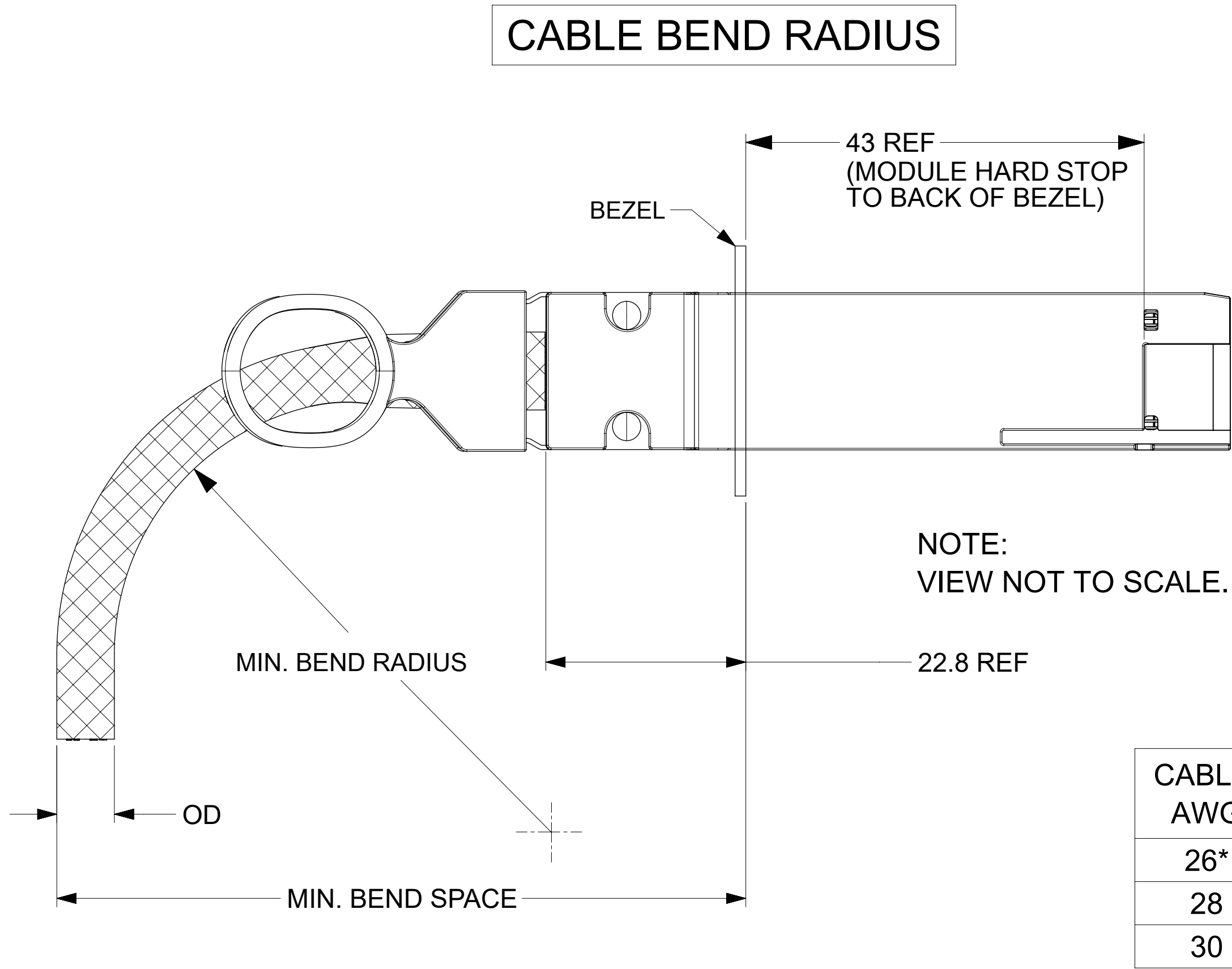


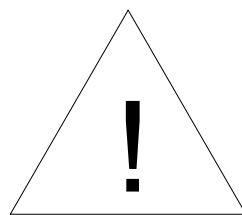
- NOTES:
- CABLE LENGTH DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
 - MATERIALS:
 - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
 - DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON
 - RIVETS - STAINLESS STEEL
 - IMPEDANCE - 100 OHMS DIFFERENTIAL
 - BUNDLED CABLE RATED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

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

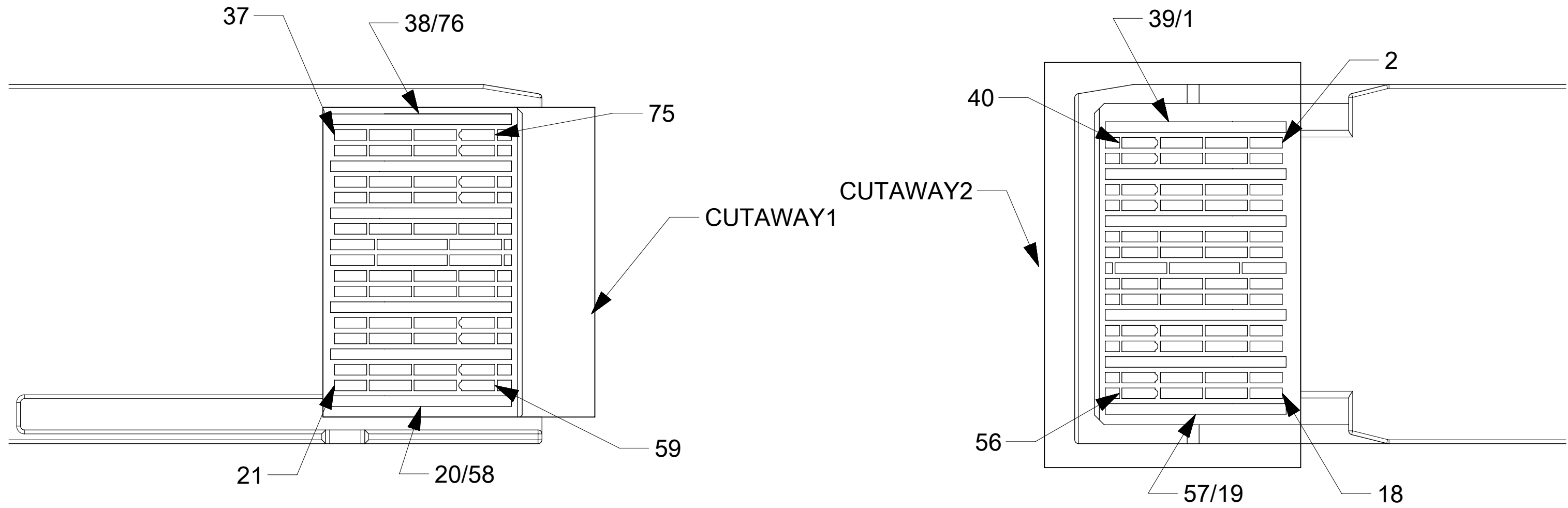




CABLE AWG	OD (mm)	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
26*	(13)	(65)	(101)
28	(11)	(55)	(89)
30	(9.4)	(45)	(77)



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



TOP VIEW

BOTTOM VIEW

- 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 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: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE						
		mm	20:1							
		GENERAL TOLERANCES (UNLESS SPECIFIED)								
		ANGULAR TOL	±	5.0°						
		4 PLACES	±		EC NO: 677116					
		3 PLACES	±		DRWN: ADITHK		2021/05/24			
		2 PLACES	±	0.13	CHK'D: VITTAD		2021/09/09			
		1 PLACE	±	0.25	APPR: MGARRISON		2021/09/10			
		0 PLACES	±		INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER			
			D-SIZE		201591		SEE P/N TABLE		CUSTOMER	
							GENERAL MARKET		SHEET NUMBER	
							2 OF 4			

molex

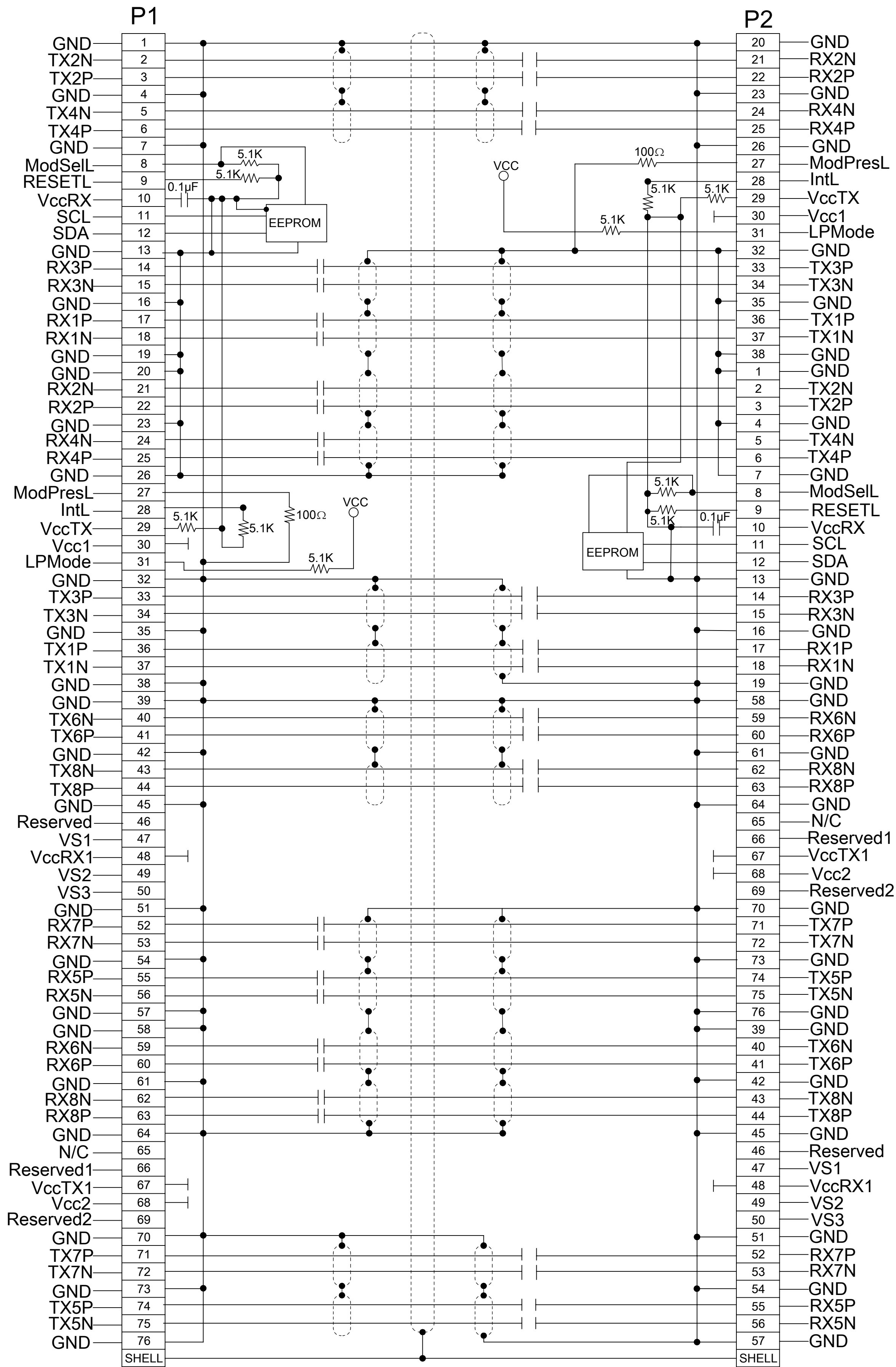
QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2015911005	PSD	000	U

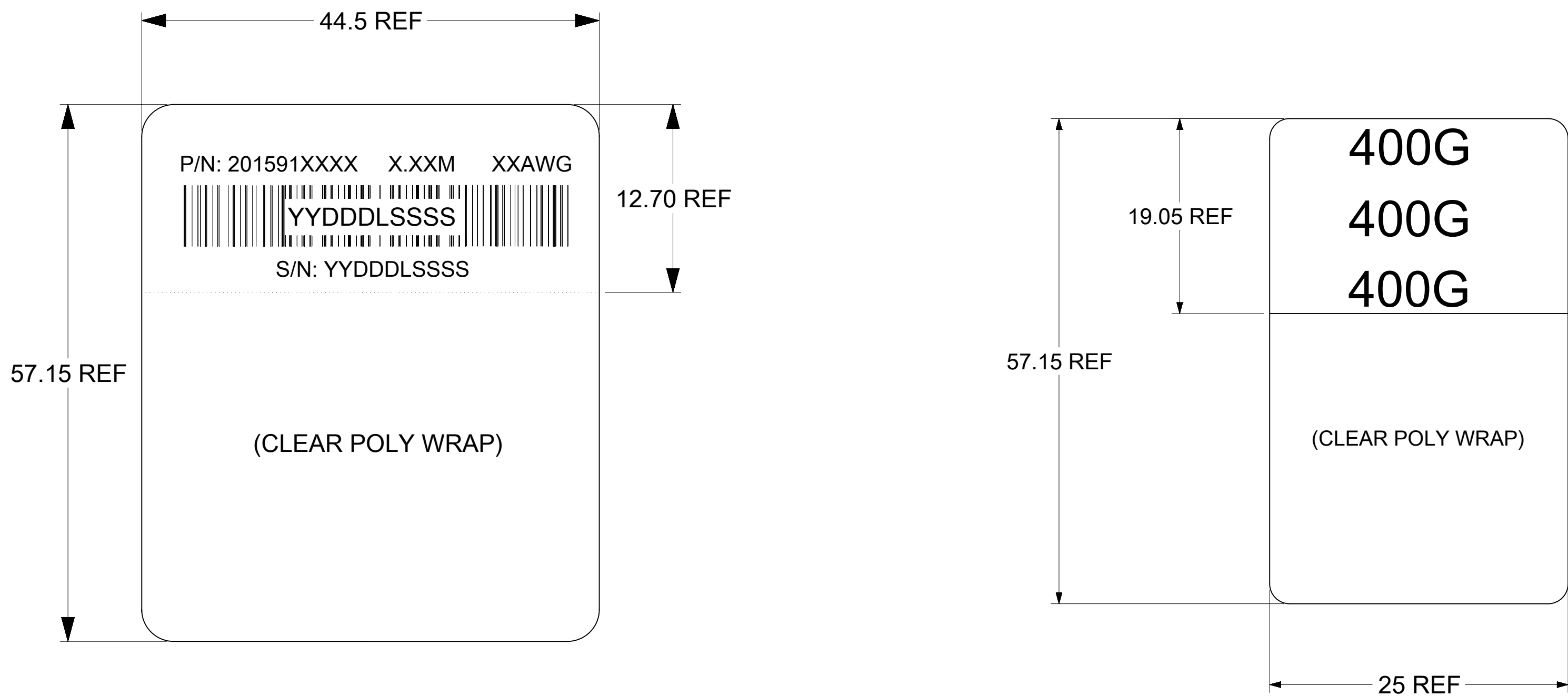
DOCUMENT STATUS	P1	RELEASE DATE	2021/09/10	01:01:00
-----------------	----	--------------	------------	----------

WIRING DIAGRAM



FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0	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: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE						molex				
	mm		1:1												
	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 ± 5.0°															
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: TPRATT 2016/11/08 APPR: CHIRSCHY 2016/11/10						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	3 PLACES		±								2015911005		PSD	000	U
	2 PLACES		± 0.13		PRODUCT CUSTOMER DRAWING										
	1 PLACE		± 0.25												
0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION												DRAWING	
				D-SIZE		201591		SEE P/N TABLE		GENERAL MARKET		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: YYDDDLSSSS - SERIAL NUMBER

YY = YEAR, THE LAST 2 DIGITS OF YEAR

DDD = DAY OF THE YEAR

L = LOCATION

1 - USA

2 - MEXICO

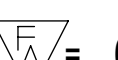
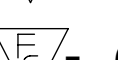
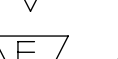
3 - CHINA

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		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
 = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE											
 = 0		mm		1:1													
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)								QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY							
		ANGULAR TOL ± 5.0 °															
DIVISIONAL SYMBOLS		4 PLACES		±		EC NO: 677116				PRODUCT CUSTOMER DRAWING							
		3 PLACES		±		DRWN: ADITHK 2021/05/24											
		2 PLACES		± 0.13		CHK'D: VITTAD 2021/09/09											
		1 PLACE		± 0.25		APPR: MGARRISON 2021/09/10											
		0 PLACES		±		INITIAL REVISION:											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: TPRATT 2016/11/08				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						APPR: CHIRSCHY 2016/11/10				2015911005		PSD		000		U	
		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
				D-SIZE		201591		SEE P/N TABLE		GENERAL MARKET		4 OF 4					