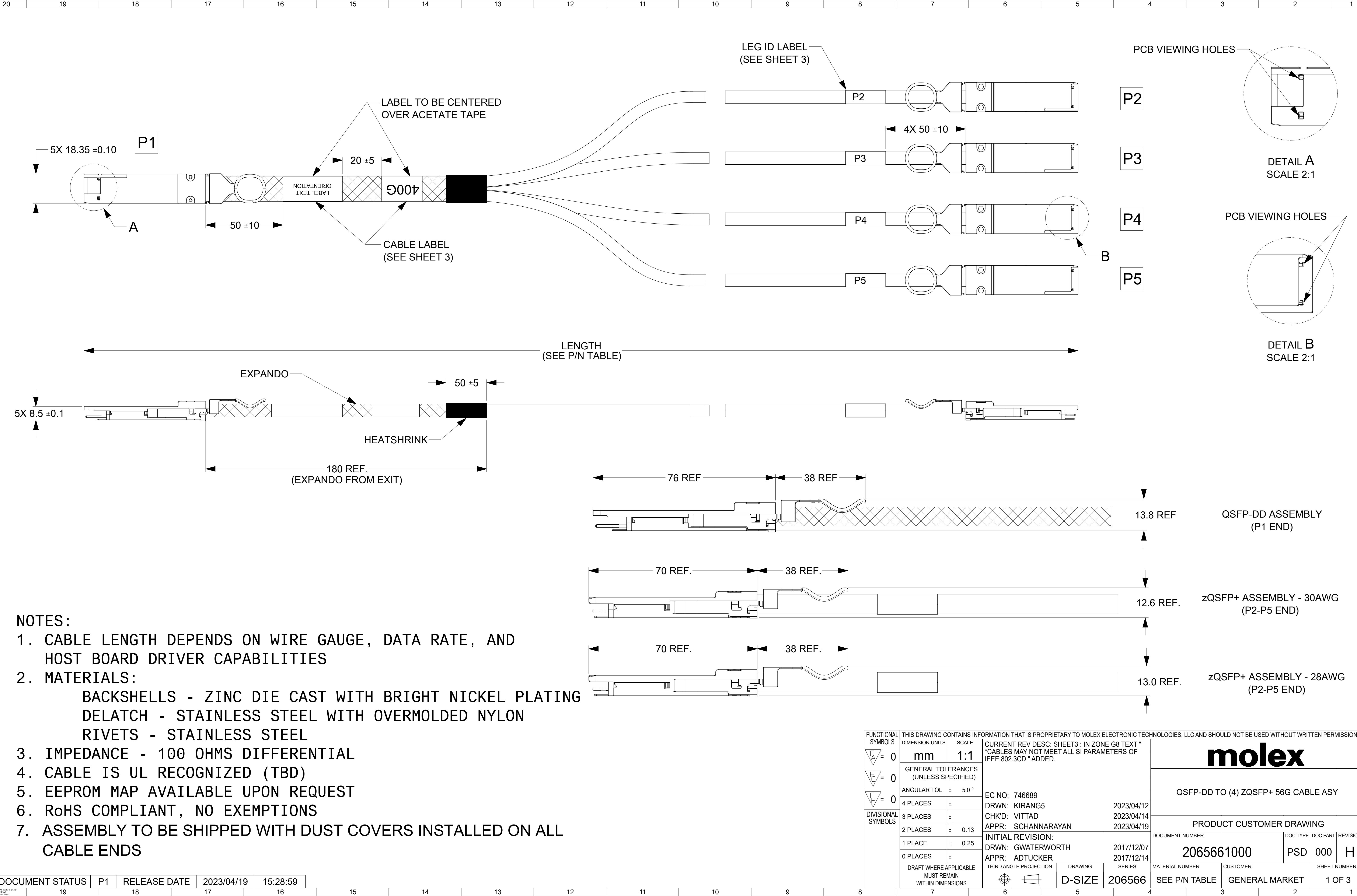
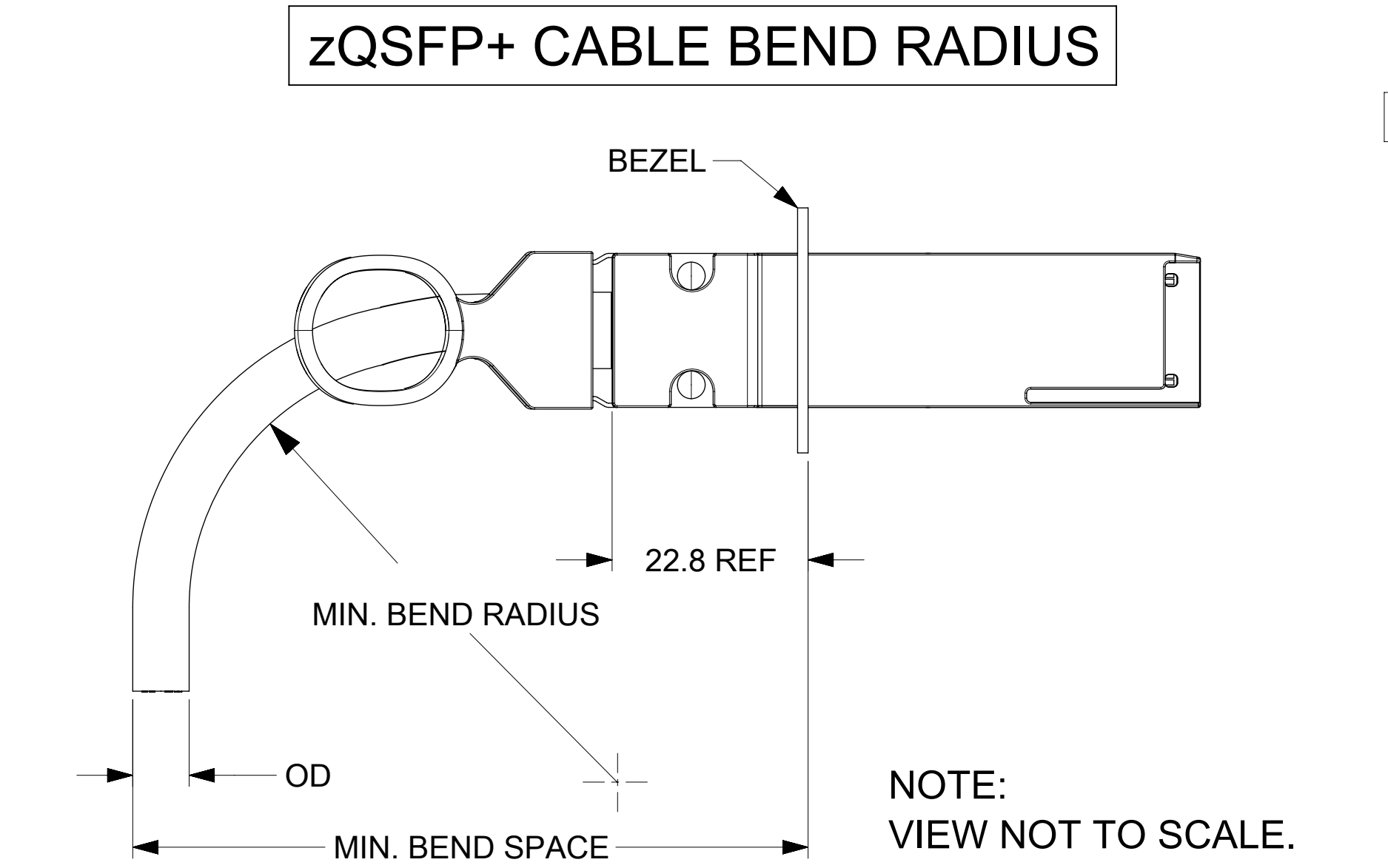


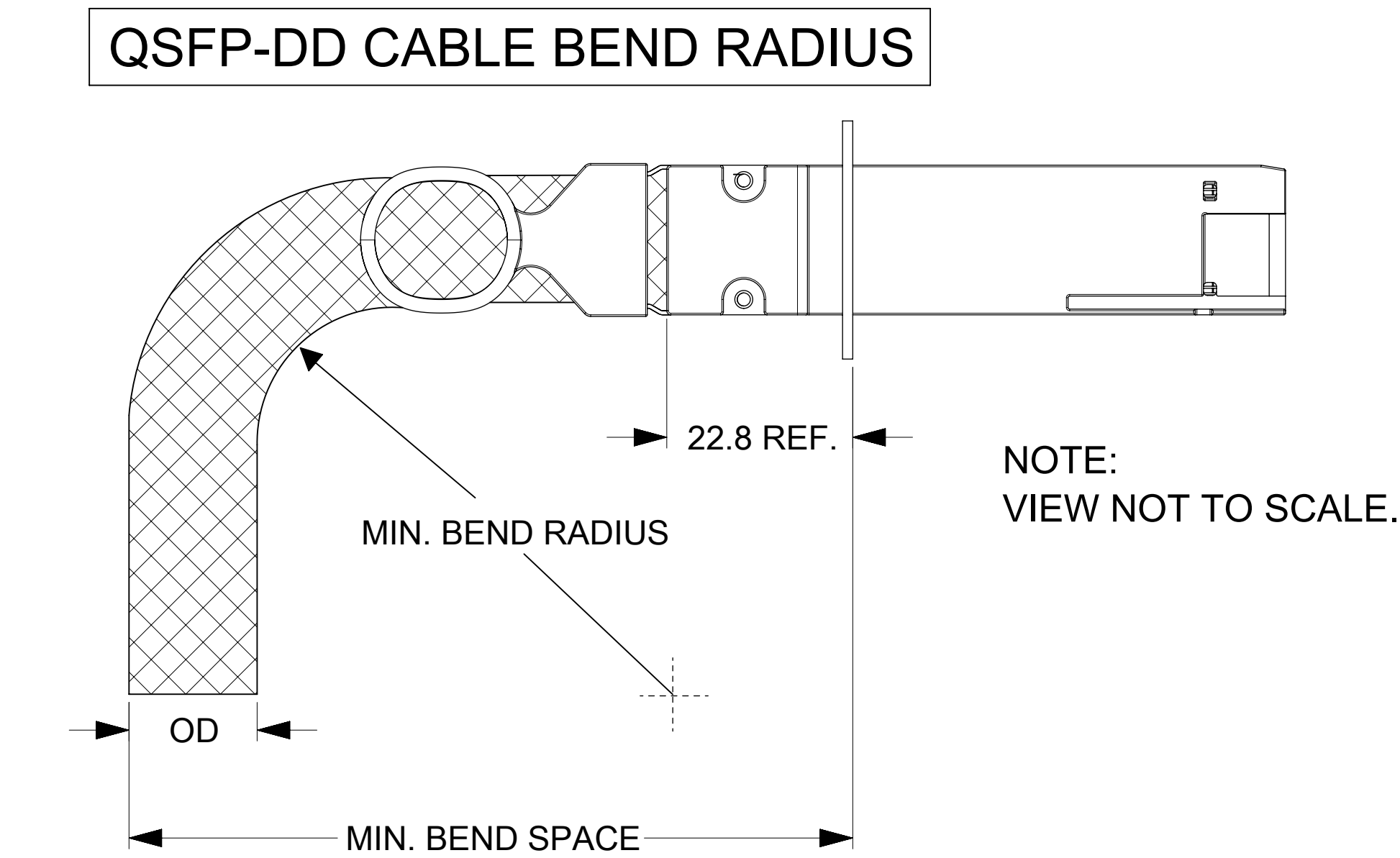


- NOTES:
1. CABLE LENGTH DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
 2. MATERIALS:
BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON
RIVETS - STAINLESS STEEL
 3. IMPEDANCE - 100 OHMS DIFFERENTIAL
 4. CABLE IS UL RECOGNIZED (TBD)
 5. EEPROM MAP AVAILABLE UPON REQUEST
 6. RoHS COMPLIANT, NO EXEMPTIONS
 7. ASSEMBLY TO BE SHIPPED WITH DUST COVERS INSTALLED ON ALL CABLE ENDS

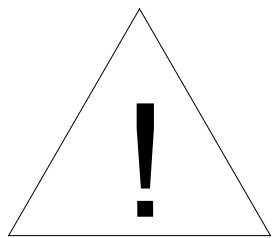
FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS	SCALE	CURRENT REV DESC: SHEET3 : IN ZONE G8 TEXT " *CABLES MAY NOT MEET ALL SI PARAMETERS OF IEEE 802.3CD " ADDED.							
	mm	1:1	GENERAL TOLERANCES (UNLESS SPECIFIED)							
	ANGULAR TOL ± 5.0 °		EC NO: 746689							
	4 PLACES	±	DRWN: KIRANG5 2023/04/12							
3 PLACES ±			CHK'D: VITTAD 2023/04/14							
2 PLACES ± 0.13			APPR: SCHANNARAYAN 2023/04/19							
1 PLACE ± 0.25			INITIAL REVISION:							
0 PLACES ±			DRWN: GWATERWORTH 2017/12/07							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: ADTUCKER 2017/12/14							
THIRD ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER			
			D-SIZE		206566		SEE P/N TABLE		CUSTOMER	
							GENERAL MARKET		SHEET NUMBER	
							1 OF 3			



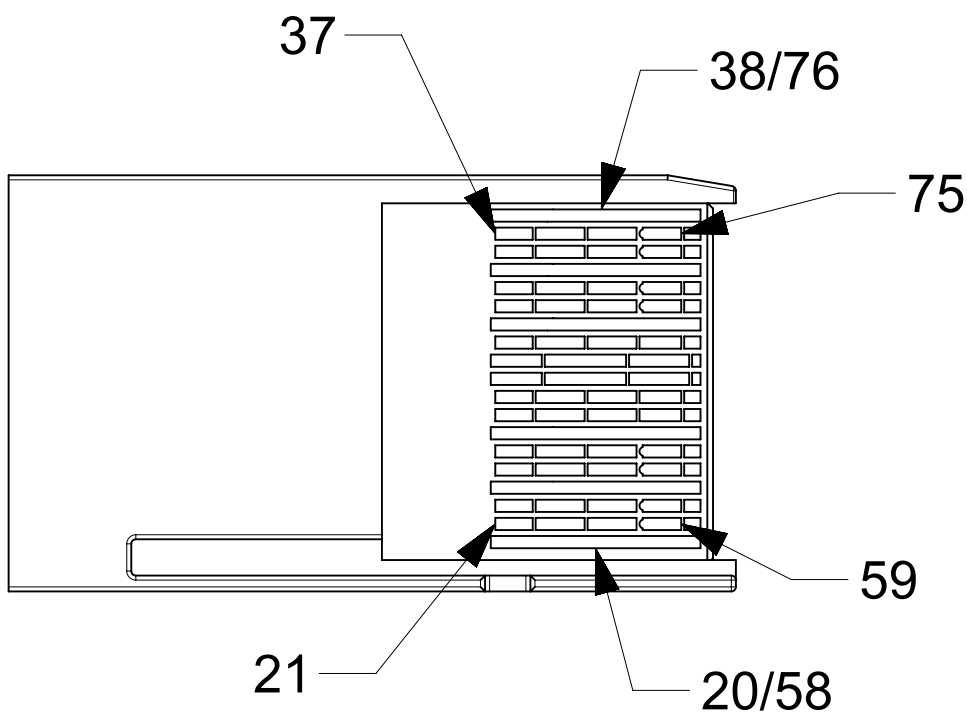
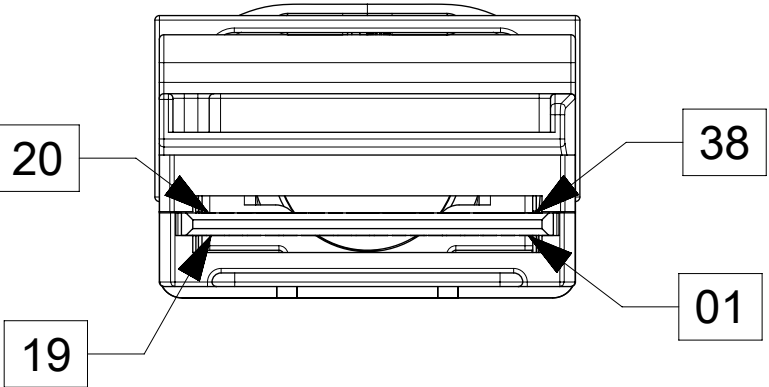
CABLE AWG	OD (mm)	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
26	6.8	34	63.6
28	6.5	32.5	61.8
30	5.9	29.5	58.2



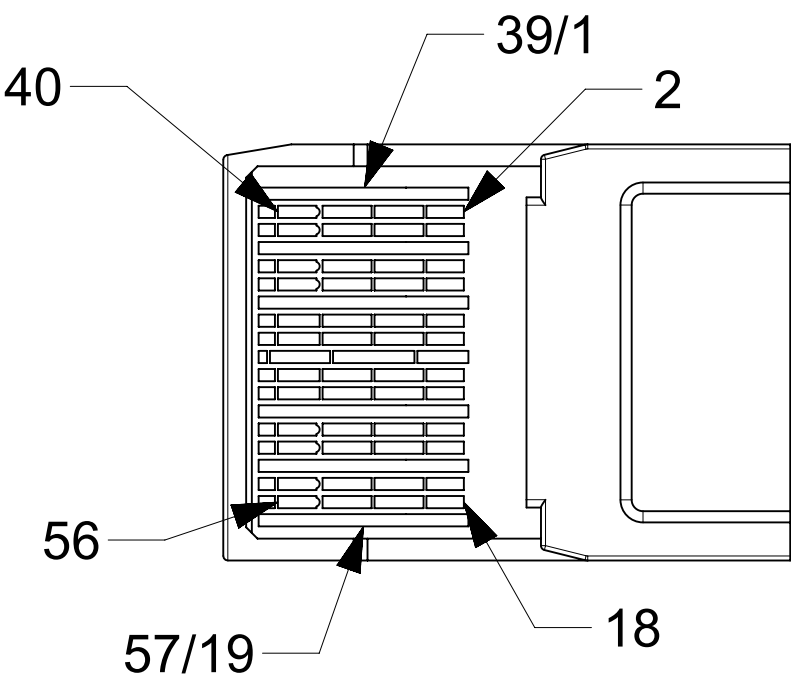
CABLE AWG	OD (mm)	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
26	(13)	(65)	(101)
28	12.5	62.5	97.8
30	(9.4)	(47)	(79)



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



TOP VIEW



BOTTOM VIEW

LOW SPEED SIGNALS P1, P2, P3, P4, & P5	
PAD	SIGNAL
8	MODSELL
9	RESETL
10	VCCR _X
11	SCL
12	SDA
27	MODPRSL
28	INTL
29	VCCTX
30	VCC1
31	INIT_MODE
46	OPEN
47	OPEN
48	OPEN
49	OPEN
50	OPEN
65	OPEN
66	OPEN
67	OPEN
68	OPEN
69	OPEN

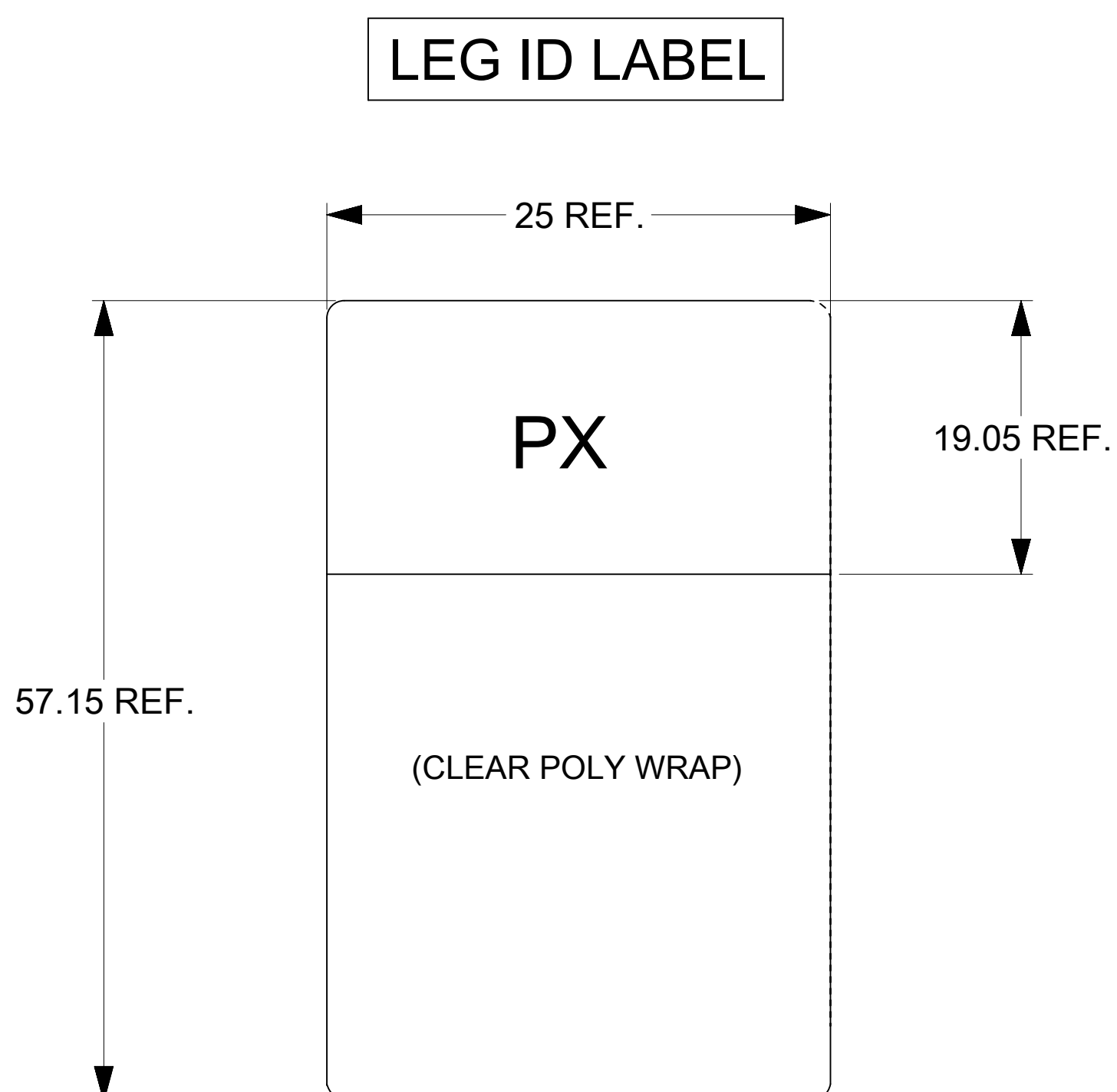
WIRING DIAGRAM					
QSFP-DD			zQSFP+		
PAD	SIGNAL		PAD	SIGNAL	LEG
1	GND	----	20	GND	P2
2	TX2 _n	--->	21	RX2 _n	
3	TX2 _p	--->	22	RX2 _p	
4	GND	----	20	GND	P3
5	TX4 _n	--->	21	RX2 _n	
6	TX4 _p	--->	22	RX2 _p	
7	GND	----		GND	
13	GND	----		GND	
14	RX3 _p	<---	36	TX1 _p	
15	RX3 _n	<---	37	TX1 _n	P2
16	GND	----	38	GND	
17	RX1 _p	<---	36	TX1 _p	
18	RX1 _n	<---	37	TX1 _n	
19	GND	----	38	GND	
20	GND	----	1	GND	P3
21	RX2 _n	<---	2	TX2 _n	
22	RX2 _p	<---	3	TX2 _p	
23	GND	----	1	GND	
24	RX4 _n	<---	2	TX2 _n	
25	RX4 _p	<---	3	TX2 _p	
26	GND	----		GND	P3
32	GND	----		GND	
33	TX3 _p	--->	17	RX1 _p	
34	TX3 _n	--->	18	RX1 _n	
35	GND	----	19	GND	
36	TX1 _p	--->	17	RX1 _p	P2
37	TX1 _n	--->	18	RX1 _n	
38	GND	----	19	GND	

WIRING DIAGRAM					
QSFP-DD			zQSFP+		
PAD	SIGNAL		PAD	SIGNAL	LEG
39	GND	----	20	GND	P4
40	TX6 _n	--->	21	RX2 _n	
41	TX6 _p	--->	22	RX2 _p	
42	GND	----	20	GND	P5
43	TX8 _n	--->	21	RX2 _n	
44	TX8 _p	--->	22	RX2 _p	
45	GND	----		GND	
51	GND	----		GND	
52	RX7 _p	<---	36	TX1 _p	P4
53	RX7 _n	<---	37	TX1 _n	
54	GND	----	38	GND	
55	RX5 _p	<---	36	TX1 _p	
56	RX5 _n	<---	37	TX1 _n	
57	GND	----	38	GND	
58	GND	----	1	GND	P5
59	RX6 _n	<---	2	TX2 _n	
60	RX6 _p	<---	3	TX2 _p	
61	GND	----	1	GND	
62	RX8 _n	<---	2	TX2 _n	
63	RX8 _p	<---	3	TX2 _p	
64	GND	----		GND	P5
70	GND	----		GND	
71	TX7 _p	--->	17	RX1 _p	
72	TX7 _n	--->	18	RX1 _n	
73	GND	----	19	GND	
74	TX5 _p	--->	17	RX1 _p	P4
75	TX5 _n	--->	18	RX1 _n	
76	GND	----	19	GND	

NOTES:

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: SHEET3 : IN ZONE G8 TEXT " "CABLES MAY NOT MEET ALL SI PARAMETERS OF IEEE 802.3CD " ADDED.				molex							
		mm		1:1													
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 746689 DRWN: KIRANG5 2023/04/12 CHK'D: VITTAD 2023/04/14 APPR: SCHANNARAYAN 2023/04/19 INITIAL REVISION: DRWN: GWATERWORTH 2017/12/07 APPR: ADTUCKER 2017/12/14								QSFP-DD TO (4) ZQSFP+ 56G CABLE ASY			
		ANGULAR TOL ± 5.0°															
		4 PLACES		±													
		3 PLACES		±													
		2 PLACES		± 0.13													
DIVISIONAL SYMBOLS		1 PLACE		± 0.25		PRODUCT CUSTOMER DRAWING											
		0 PLACES		±													
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												THIRD ANGLE PROJECTION		DRAWING	
DIVISIONAL SYMBOLS								D-SIZE		206566		SEE P/N TABLE		GENERAL MARKET		2 OF 3	



MOLEX P/N	LENGTH (M)	AWG
2065661005	0.5M +/- 0.05M	30
2065661010	1.0M +/- 0.05M	30
2065661015	1.5M +/- 0.08M	30
2065663005*	0.5M +/- 0.05M	28
2065663010	1.0M +/- 0.05M	28
2065663015	1.5M +/- 0.08M	28
2065663020	2.0M +/- 0.08M	28
2065663025	2.5M +/- 0.08M	28
2065663030	3.0M +/- 0.08M	26

*CABLES MAY NOT MEET ALL SI PARAMETERS OF IEEE 802.3CD

P/N: 206566XXXX - MOLEX PART NUMBER (SEE P/N TABLE)

X.XM - 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 2 DIGITS OF YEAR

DDD = DAY OF THE YEAR

L = LOCATION

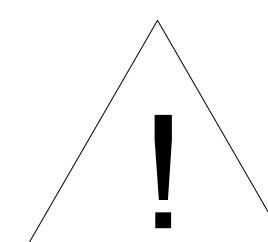
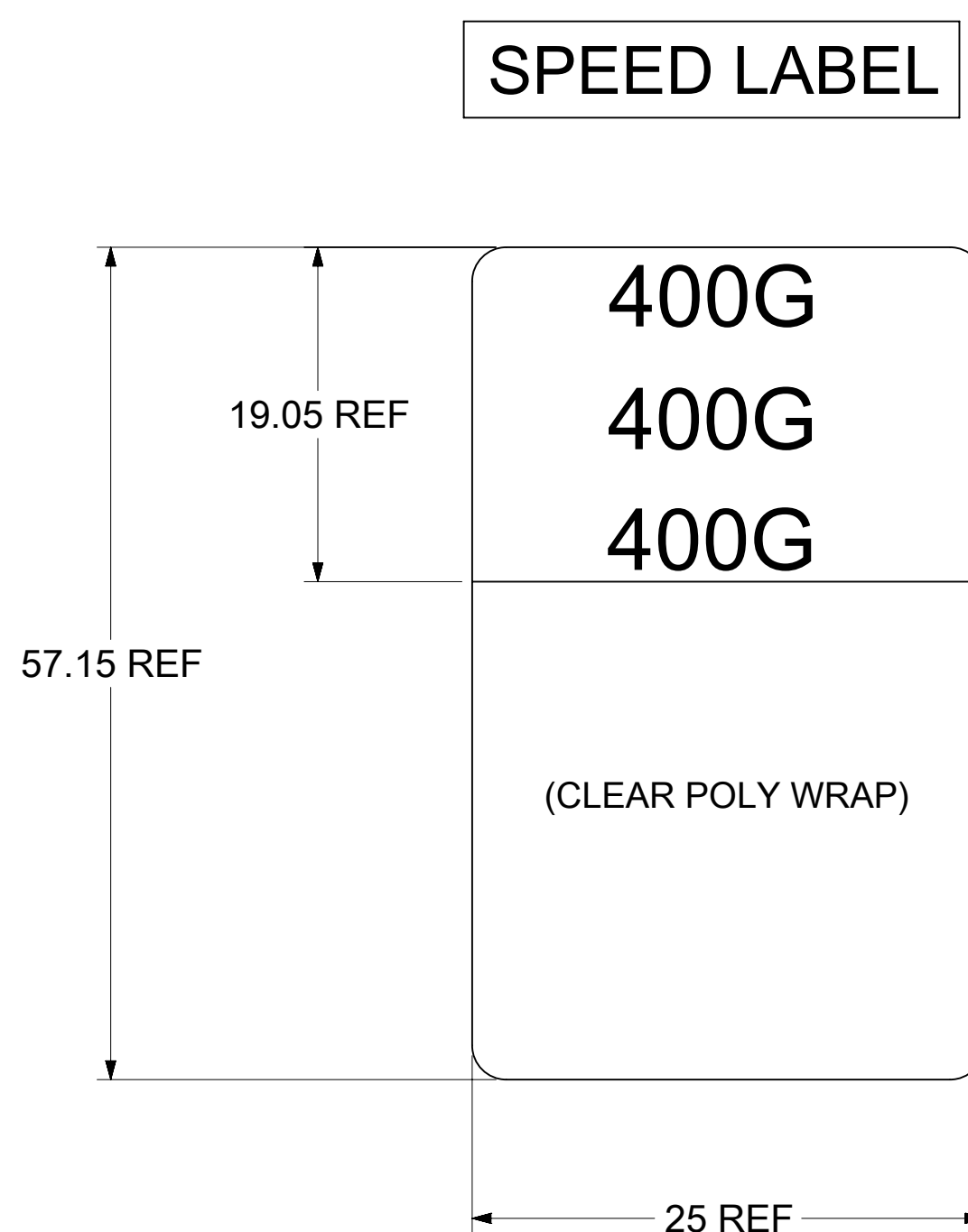
1 - USA

2 - MEXICO

3 - CHINA

4 - PHILIPPINES

SSSS = SERIAL NUMBER (0001-9999)



TENTATIVE PROPOSAL
PENDING ELECTRICAL QUALIFICATION

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: SHEET3 : IN ZONE G8 TEXT " *CABLES MAY NOT MEET ALL SI PARAMETERS OF IEEE 802.3CD * ADDED.									
 = 0		mm		1:1											
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 746689 DRWN: KIRANGS CHK'D: VITTAD APPR: SCHANNARAYAN						QSFP-DD TO (4) ZQSFP+ 56G CABLE ASY					
		ANGULAR TOL ± 5.0°													
DIVISIONAL SYMBOLS		4 PLACES				±		2023/04/12		PRODUCT CUSTOMER DRAWING					
		3 PLACES		±		2023/04/14									
		2 PLACES		± 0.13		2023/04/19		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION	
		1 PLACE		± 0.25		2017/12/07						2065661000			
		0 PLACES		±		2017/12/14									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		206566		SEE P/N TABLE		GENERAL MARKET		3 OF 3	

A	DOCUMENT STATUS	P1	RELEASE DATE	2023/04/19	15:28:59
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