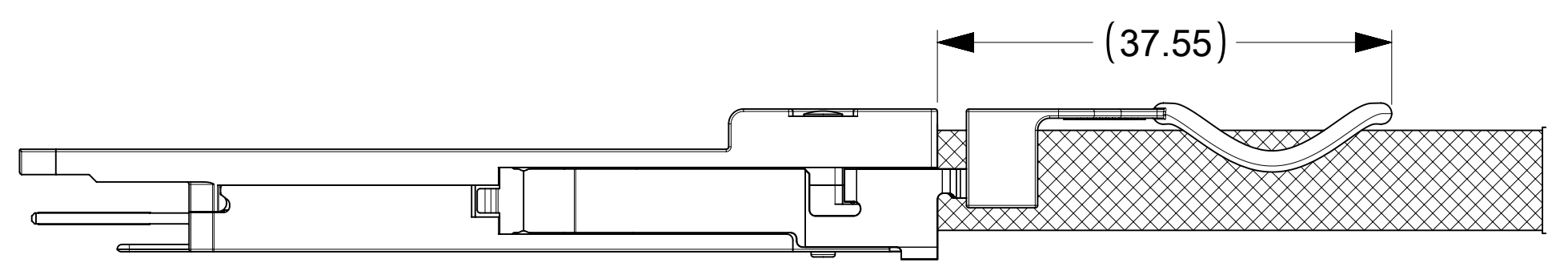
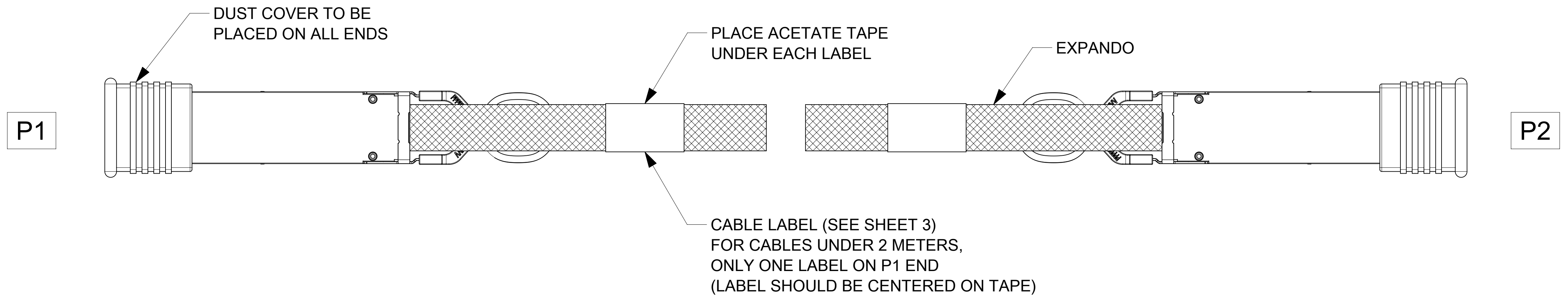
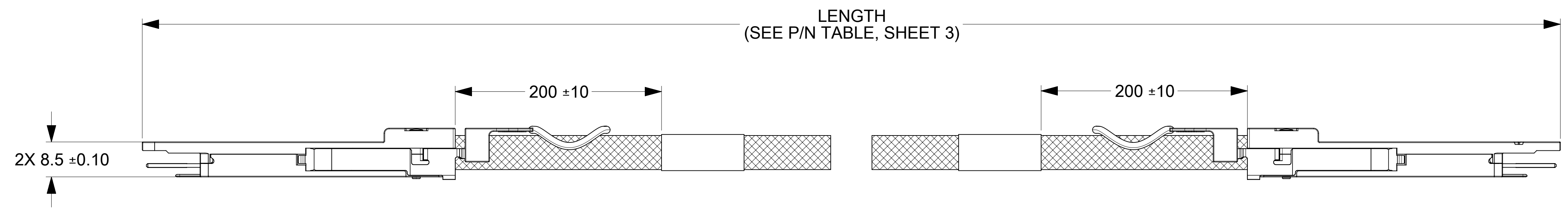
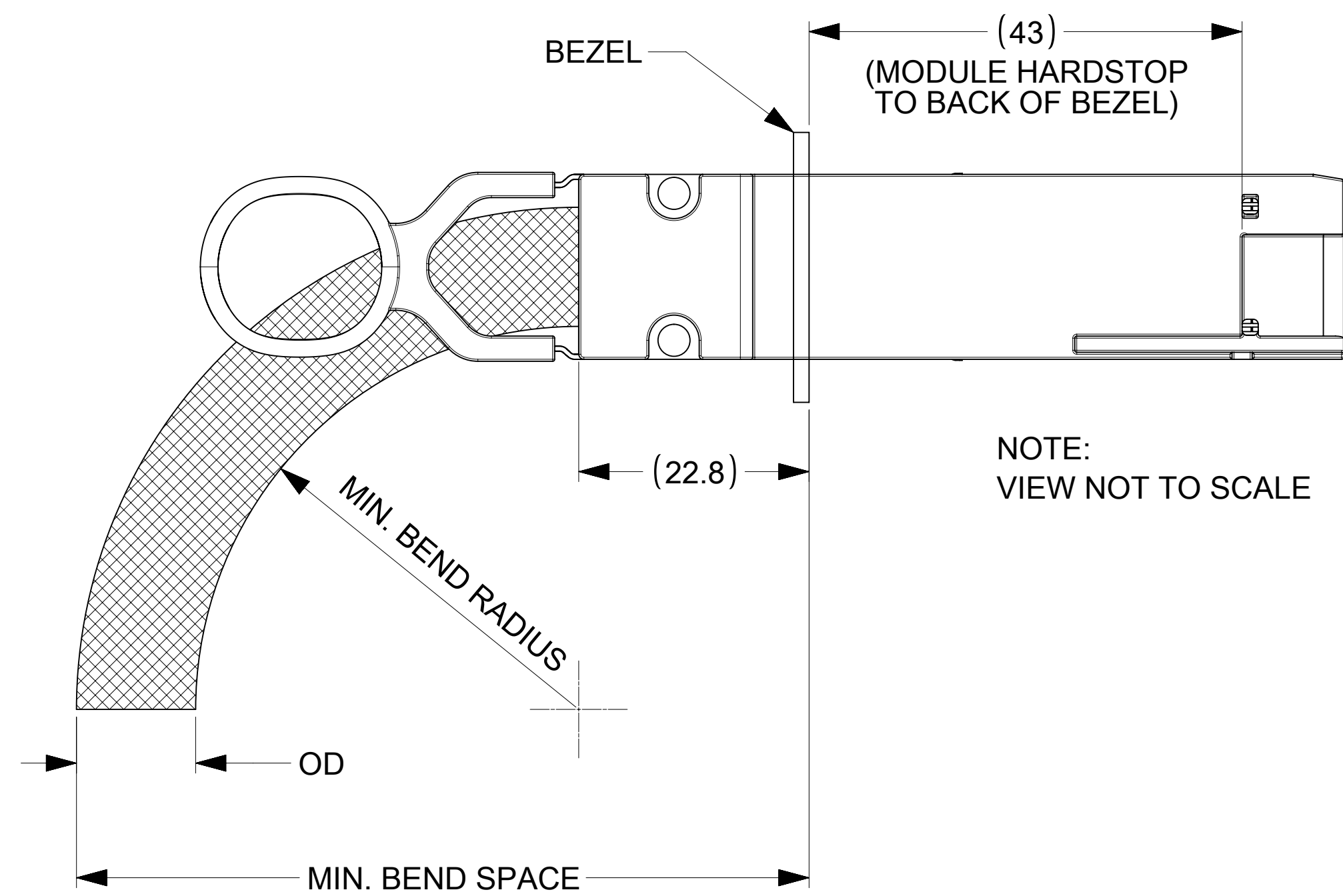


DETAIL A  
SCALE 5:1

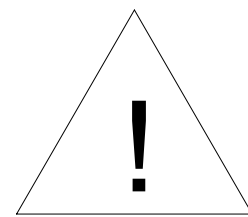


- NOTES:
- CABLE LENGTH DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
  - MATERIALS:
    - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
    - DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON
    - RIVETS - STAINLESS STEEL
  - IMPEDANCE - 100 OHMS DIFFERENTIAL
  - CABLE BUNDLE IS UL \*TBD\* PER UL AWM STYLE XXXXXX (FILE# XXXXXX) \*\*PENDING APPROVAL\*\*
  - EEPROM MAP AVAILABLE UPON REQUEST
  - RoHS COMPLIANT, NO EXEMPTIONS

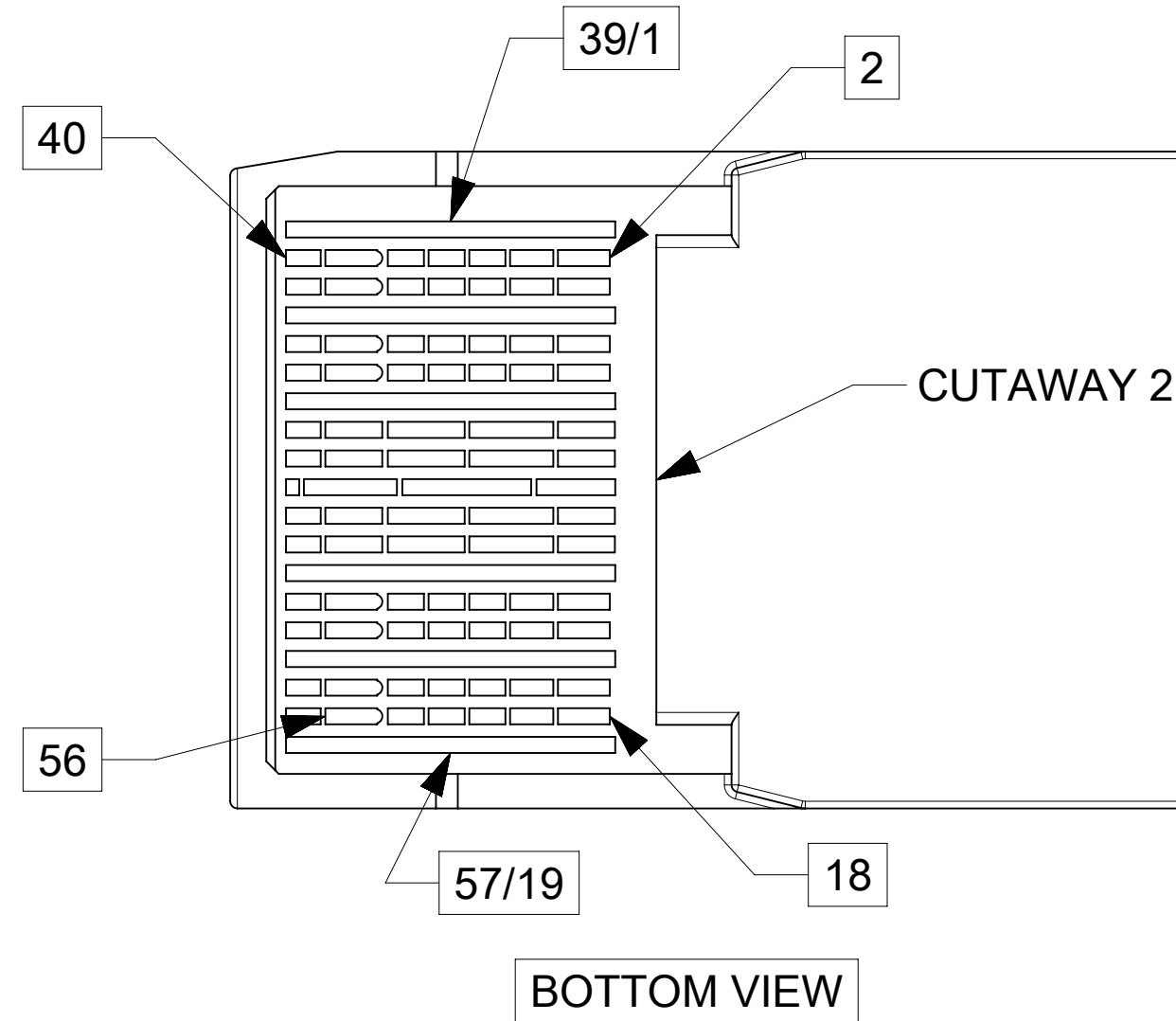
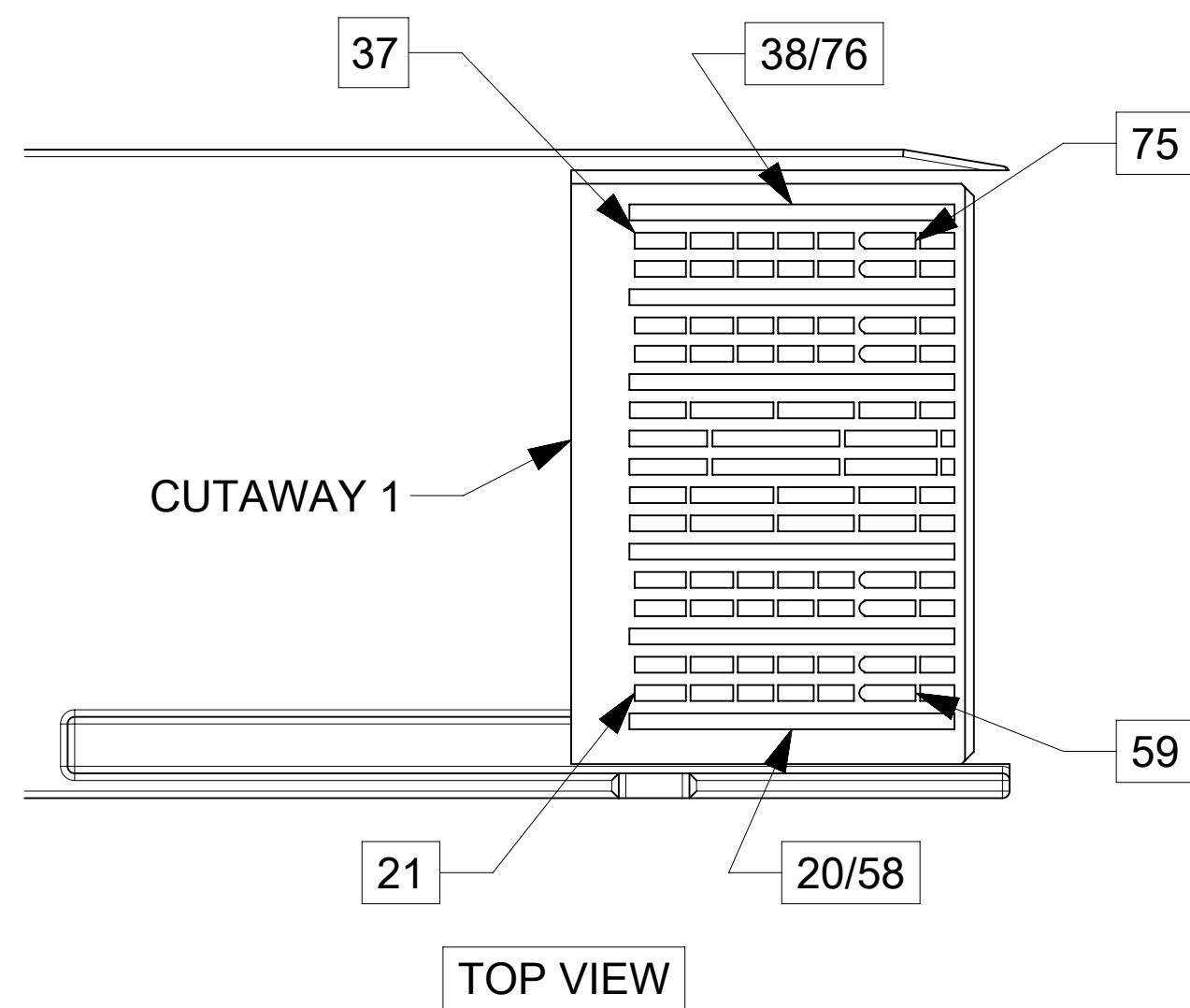
FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SHEET 1 ZONE H15 AND H11 : UPDATED LABEL LOCATION DIM. FROM 50 TO 200				
	mm	SCALE 2:1	GENERAL TOLERANCES (UNLESS SPECIFIED)				
	ANGULAR TOL ± 5.0°		EC NO: 714221				
	4 PLACES ±		DRWN: ADITHK 2022/07/13				
DIVISIONAL SYMBOLS	3 PLACES ±		CHK'D: GBARDELLA 2022/07/13		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2126751000 DOC TYPE: PSD DOC PART: 000 REVISION: C		
	2 PLACES ± 0.13		APPR: GBARDELLA 2022/07/14				
	1 PLACE ± 0.25		INITIAL REVISION: DRWN: GBARDELLA 2019/10/12				
	0 PLACES ±		APPR: MGARRISON 2020/05/07				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING D-SIZE	SERIES 212675	MATERIAL NUMBER	CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 3



CABLE AWG	OD (mm)	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
32	(8.3)	(42)	(75)
30	(9.5)	(48)	(82)
28	(11.0)	(55)	(91)
26	(12.7)	(64)	(101)



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



LOW SPEED SIGNALS P1 & P2	
PAD	SIGNAL
8	MODSELL
9	RESETL
10	VCCRFX
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

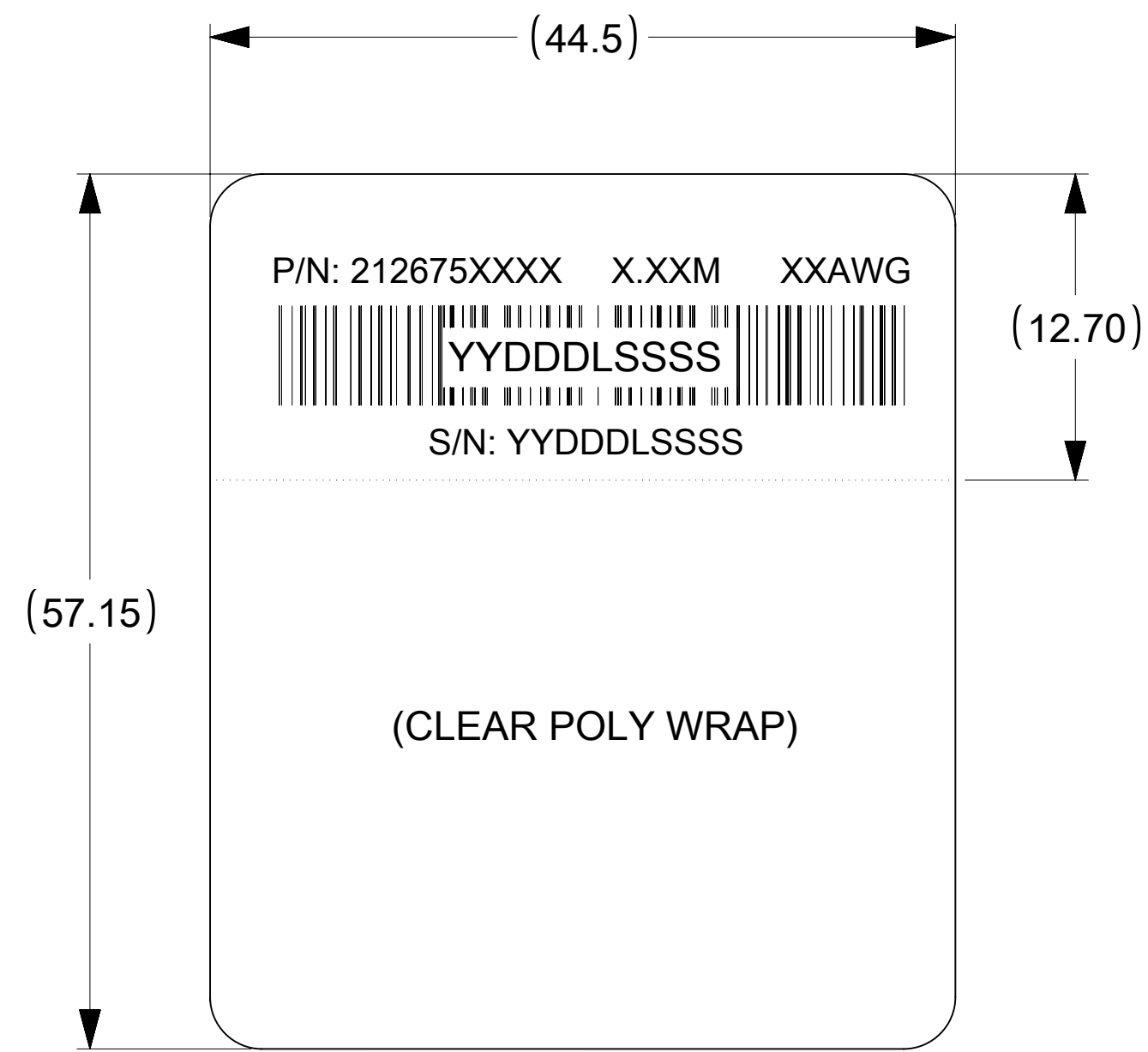
WIRING DIAGRAM				
P1 END		P2 END		
Pad	Signal		Pad	Signal
1	GND	----	20	GND
2	TX2n	-->	21	RX2n
3	TX2p	-->	22	RX2p
4	GND	----	23	GND
5	TX4n	-->	24	RX4n
6	TX4p	-->	25	RX4p
7	GND	----	26	GND
13	GND	----	32	GND
14	RX3p	<---	33	TX3p
15	RX3n	<---	34	TX3n
16	GND	----	35	GND
17	RX1p	<---	36	TX1p
18	RX1n	<---	37	TX1n
19	GND	----	38	GND
20	GND	----	1	GND
21	RX2n	<---	2	TX2n
22	RX2p	<---	3	TX2p
23	GND	----	4	GND
24	RX4n	<---	5	TX4n
25	RX4p	<---	6	TX4p
26	GND	----	7	GND
32	GND	----	13	GND
33	TX3p	-->	14	RX3p
34	TX3n	-->	15	RX3n
35	GND	----	16	GND
36	TX1p	-->	17	RX1p
37	TX1n	-->	18	RX1n
38	GND	----	19	GND

WIRING DIAGRAM				
P1 END		P2 END		
Pad	Signal		Pad	Signal
39	GND	----	58	GND
40	TX6n	-->	59	RX6n
41	TX6p	-->	60	RX6p
42	GND	----	61	GND
43	TX8n	-->	62	RX8n
44	TX8p	-->	63	RX8p
45	GND	----	64	GND
51	GND	----	70	GND
52	RX7p	<---	71	TX7p
53	RX7n	<---	72	TX7n
54	GND	----	73	GND
55	RX5p	<---	74	TX5p
56	RX5n	<---	75	TX5n
57	GND	----	76	GND
58	GND	----	39	GND
59	RX6n	<---	40	TX6n
60	RX6p	<---	41	TX6p
61	GND	----	42	GND
62	RX8n	<---	43	TX8n
63	RX8p	<---	44	TX8p
64	GND	----	45	GND
70	GND	----	51	GND
71	TX7p	-->	52	RX7p
72	TX7n	-->	53	RX7n
73	GND	----	54	GND
74	TX5p	-->	55	RX5p
75	TX5n	-->	56	RX5n
76	GND	----	57	GND

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

FUNCTIONAL SYMBOLS $F_A = 0$ $F_C = 0$ $F_P = 0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DIMENSION UNITS: mm SCALE: 20:1	CURRENT REV DESC: SHEET 1 ZONE H15 AND H11 : UPDATED LABEL LOCATION DIM. FROM 50 TO 200			
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 5.0^\circ$	EC NO: 714221 DRWN: ADITHK 2022/07/13 CHK'D: GBARDELLA 2022/07/13 APPR: GBARDELLA 2022/07/14	INITIAL REVISION: DRWN: GBARDELLA 2019/10/12 APPR: MGARRISON 2020/05/07			
	4 PLACES $\pm$ 3 PLACES $\pm$ 2 PLACES $\pm 0.13$ 1 PLACE $\pm 0.25$ 0 PLACES $\pm$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING: D-SIZE SERIES: 212675	DOCUMENT NUMBER: 2126751000 DOC TYPE: PSD DOC PART: 000 REVISION: C	
	MATERIAL NUMBER: 2126751000 CUSTOMER: GENERAL MARKET		SHEET NUMBER: 2 OF 3			

**LABEL DETAILS**



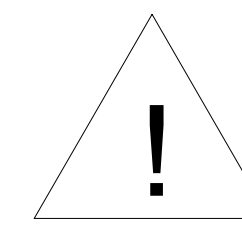
P/N: 212675XXXX - MOLEX PART NUMBER (SEE P/N TABLE)

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)	TOLERANCE (mm)	AWG
2126751005	0.5	±10	30
2126751010	1.0	±10	30
2126751013	1.3	±10	30
2126751014	1.4	±10	30
2126753005	0.5	±10	28
2126753010	1.0	±10	28
2126753014	1.4	±10	28
2126753016	1.6	±10	28
2126754005	0.5	±10	26
2126754010	1.0	±10	26
2126754015	1.5	±10	26
2126754018	1.8	±10	26
2126754020	2.0	±10	26
2126755005	0.5	±10	32
2126755010	1.0	±10	32



**CABLES MAY NOT MEET ALL IEEE 802.3ck 112G PARAMETERS AND ARE PENDING FINAL LENGTH QUALIFICATION. LENGTHS LISTED ABOVE ARE PRELIMINARY.**

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FD = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SHEET 1 ZONE H15 AND H11 : UPDATED LABEL LOCATION DIM. FROM 50 TO 200		 QSFP-DD TO QSFP-DD 112G PASSIVE CBL ASY		
	DIMENSION UNITS <b>mm</b>	SCALE <b>1:1</b>	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 5.0°				
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 714221	DRWN: ADITHK	2022/07/13		
	3 PLACES	±	CHK'D: GBARDELLA	2022/07/13			
	2 PLACES	± 0.13	APPR: GBARDELLA	2022/07/14			
	1 PLACE	± 0.25	INITIAL REVISION: DRWN: GBARDELLA	2019/10/12			
	0 PLACES	±	APPR: MGARRISON	2020/05/07			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			<b>D-SIZE</b>	<b>212675</b>	<b>2126751000</b>	<b>GENERAL MARKET</b>	<b>3 OF 3</b>