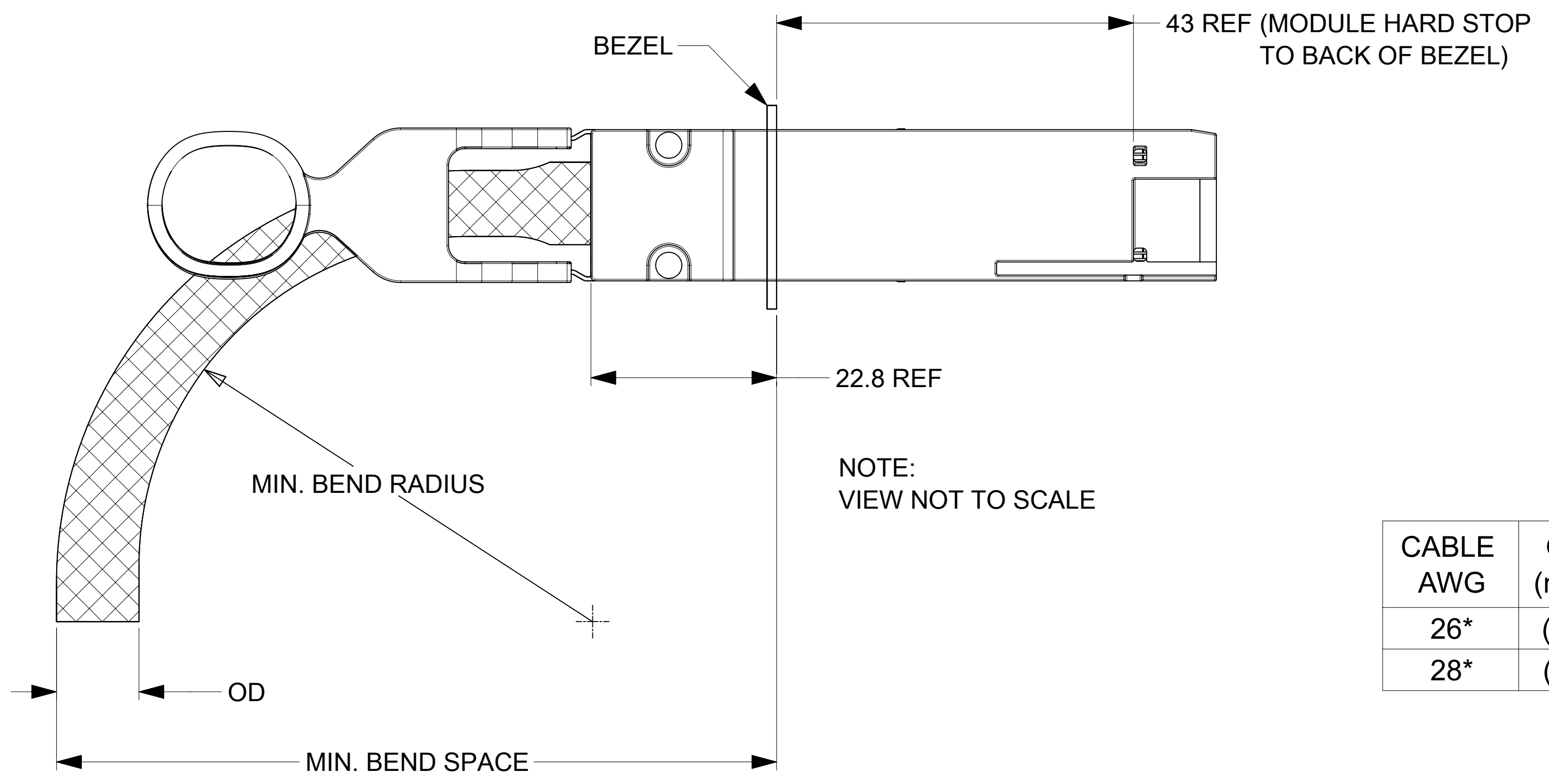


- NOTES:**
- CABLE LENGTH DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
  - MATERIALS:**
    - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
    - DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON
    - RIVETS - STAINLESS STEEL
    - PCB - TACHYON 100G
  - IMPEDANCE - 100 OHMS DIFFERENTIAL
  - EEPROM MAP AVAILABLE UPON REQUEST
  - RoHS COMPLIANT, NO EXEMPTIONS

<b>FUNCTIONAL SYMBOLS</b> FA = 0 EC = 0 EP = 0 <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION HISTORY	
	DIMENSION UNITS	SCALE	EC NO: 749672	
	mm	2:1	DRWN: KIRANR9	2023/05/15
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: SKAMATHN	2023/05/17
ANGULAR TOL ± 5.0°		APPR: SCHANNARAYAN	2023/05/18	
4 PLACES	±	INITIAL REVISION:		
3 PLACES	±	DRWN: KIRANR9	2023/03/17	
2 PLACES	± 0.13	APPR: SCHANNARAYAN	2023/03/21	
1 PLACE	± 0.25	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
0 PLACES	±	THIRD ANGLE PROJECTION	DRAWING	
			SERIES	
		D-SIZE	201591	
		MATERIAL NUMBER	CUSTOMER	
		SEE P/N TABLE	GENERAL MARKET	
		DOCUMENT NUMBER	DOC TYPE DOC PART REVISION	
		2015913108	PSD 000 C	
		SHEET NUMBER		
		1 OF 5		

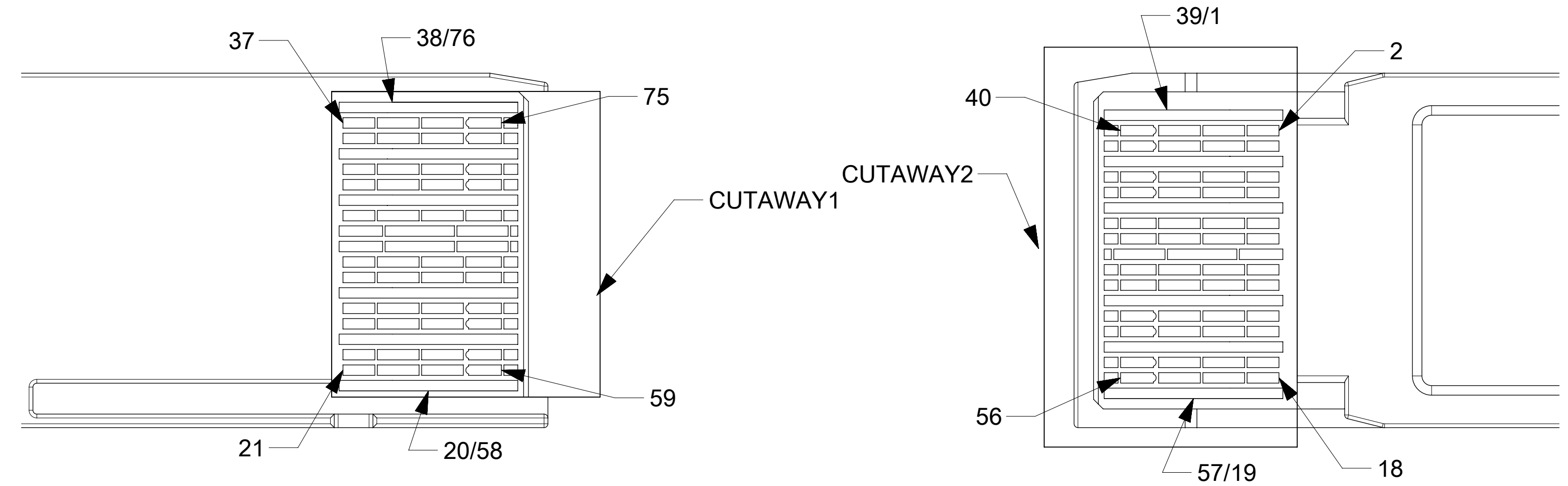
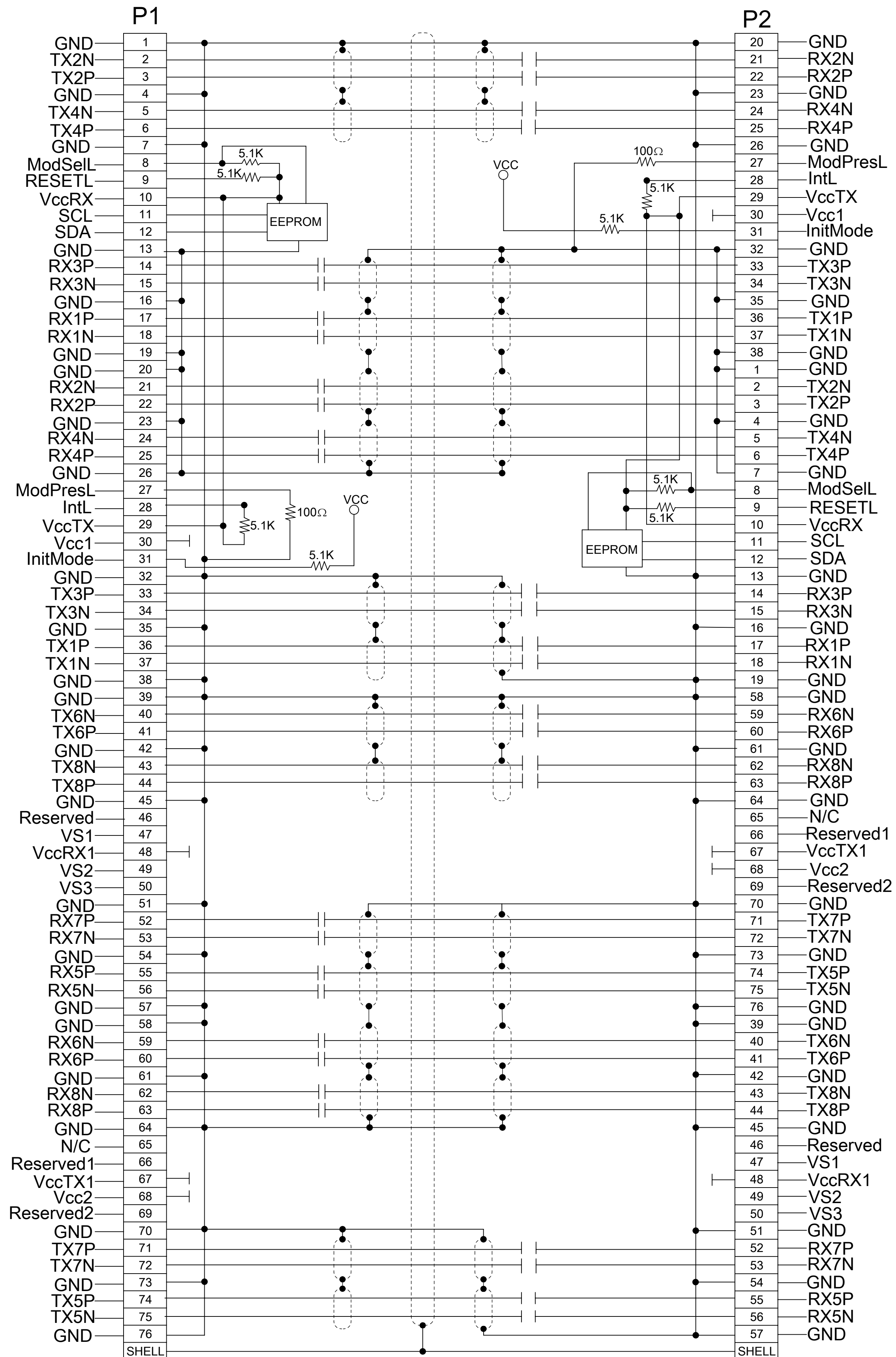


CABLE AWG	OD (mm)	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
26*	(13)	(65)	(101)
28*	(11)	(55)	(89)

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

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	DIMENSION UNITS	SCALE	EC NO: 749672				
	mm	20:1	DRWN: KIRANR9 2023/05/15		2015913108		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: SKAMATHN 2023/05/17		PSD 000 C		
ANGULAR TOL ± 5.0°		APPR: SCHANNARAYAN 2023/05/18		REVISION			
4 PLACES ±		INITIAL REVISION:		DOC TYPE			
3 PLACES ±		DRWN: KIRANR9 2023/03/17		DOC PART			
2 PLACES ± 0.13		APPR: SCHANNARAYAN 2023/03/21		REVISION			
1 PLACE ± 0.25		DRWN: KIRANR9 2023/03/17		DOC PART			
0 PLACES ±		APPR: SCHANNARAYAN 2023/03/21		REVISION			
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	2 OF 5

WIRING DIAGRAM



TOP VIEW

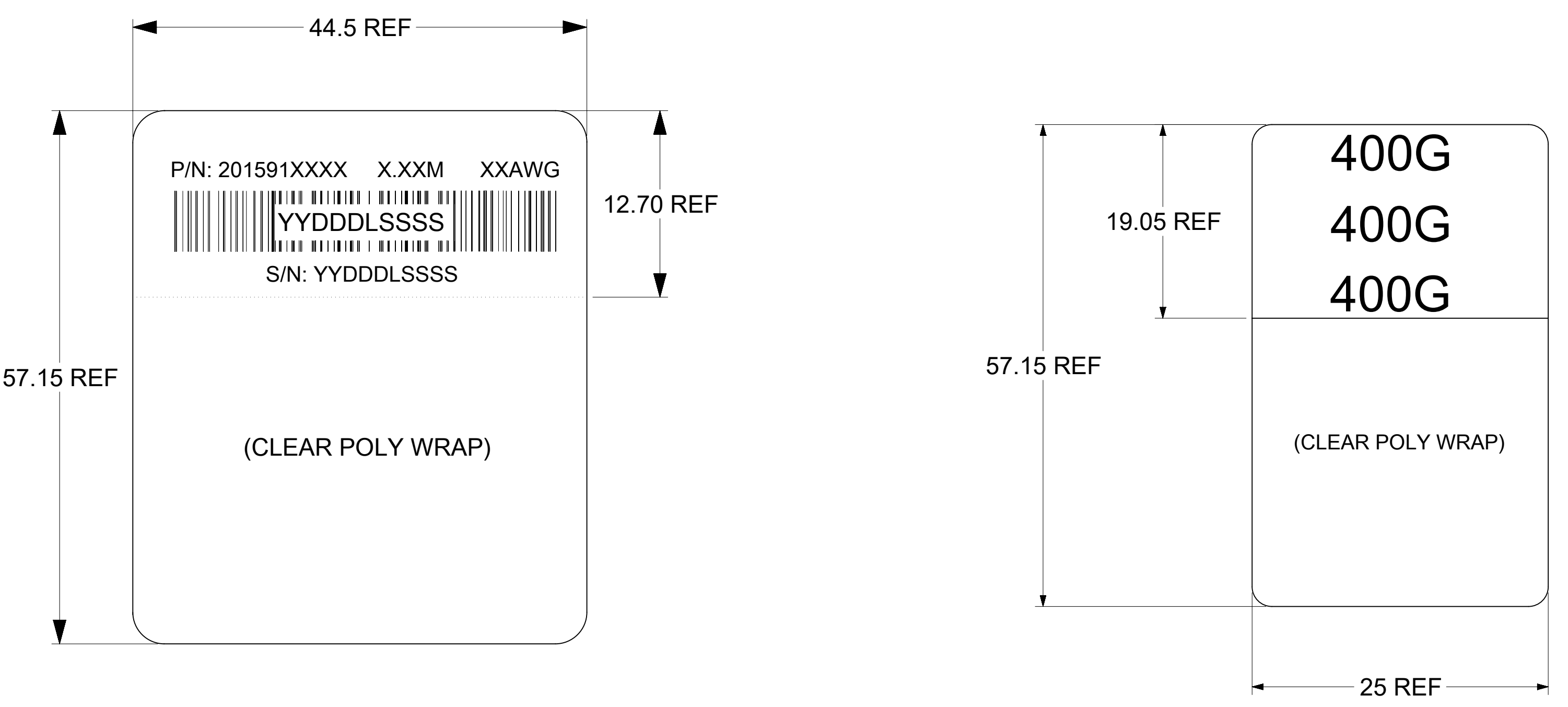
BOTTOM VIEW

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 FA = 0 FE = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 1:1	CURRENT REV DESC: SEE REVISION HISTORY		
	DIMENSION UNITS mm	GENERAL TOLERANCES (UNLESS SPECIFIED)			
DIVISIONAL SYMBOLS	ANGULAR TOL ± 5.0°	EC NO: 749672		2023/05/15	
	4 PLACES ±	DRWN: KIRANR9		2023/05/17	
	3 PLACES ±	CHK'D: SKAMATHN		2023/05/18	
	2 PLACES ± 0.13	APPR: SCHANNARAYAN		2023/05/18	
1 PLACE ± 0.25	INITIAL REVISION:				
0 PLACES ±	DRWN: KIRANR9		2023/03/17		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SCHANNARAYAN		2023/03/21	
THIRD ANGLE PROJECTION		DRAWING		SERIES	
D-SIZE		201591		MATERIAL NUMBER	
SEE P/N TABLE		CUSTOMER		SHEET NUMBER	
GENERAL MARKET		PSD 000 C		3 OF 5	

**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	CABLE MFR
2015913108	1.0 +/- 0.08	28	LTK
2015913158	1.5 +/- 0.08	28	LTK
2015913208	2.0 +/- 0.08	28	LTK
2015913258	2.5 +/- 0.08	26	LTK
2015913308	3.0 +/- 0.08	26	LTK

<b>FUNCTIONAL SYMBOLS</b> FA = 0 FC = 0 FD = 0 <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION HISTORY		 QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY PRODUCT CUSTOMER DRAWING		
	DIMENSION UNITS	SCALE	EC NO: 749672				
	mm	1:1	DRWN: KIRANR9	2023/05/15			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: SKAMATHN	2023/05/17			
ANGULAR TOL ± 5.0°		APPR: SCHANNARAYAN	2023/05/18				
4 PLACES ±		INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
3 PLACES ±		DRWN: KIRANR9	2023/03/17	2015913108	PSD	000	C
2 PLACES ± 0.13		APPR: SCHANNARAYAN	2023/03/21	MATERIAL NUMBER		CUSTOMER	
1 PLACE ± 0.25		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE P/N TABLE	GENERAL MARKET		SHEET NUMBER
0 PLACES ±		THIRD ANGLE PROJECTION	DRAWING	D-SIZE	SERIES	4 OF 5	
				201591			

DATE (YYYY/MM/DD)	REV	DESCRIPTION
2023/03/13	A	INITIAL RELEASE
2023/05/08	B	UPDATED VIEWS WITH NEW PULL TAB AND BACK SHELLS. SHEET 1 ZONE F6 REF DIMENSION UPDATED FROM 54 TO 38.
2023/05/16	C	UPDATED VIEW WITH CORRECT PULL TAB

FUNCTIONAL 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: SEE REVISION HISTORY
$\nabla_A = 0$	mm	1:1	EC NO: 749672 DRWN: KIRANR9 2023/05/15 CHK'D: SKAMATHN 2023/05/17 APPR: SCHANNARAYAN 2023/05/18
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\nabla_P = 0$	ANGULAR TOL $\pm$ 5.0°		INITIAL REVISION: DRWN: KIRANR9 2023/03/17 APPR: SCHANNARAYAN 2023/03/21
DIVISIONAL SYMBOLS	4 PLACES	$\pm$	
	3 PLACES	$\pm$	DOCUMENT NUMBER <b>2015913108</b>
	2 PLACES	$\pm$ 0.13	
	1 PLACE	$\pm$ 0.25	DOC TYPE PSD
	0 PLACES	$\pm$	DOC PART 000
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	REVISION <b>C</b>
		<b>D-SIZE</b>	SERIES 201591
		SHEET NUMBER 5 OF 5	MATERIAL NUMBER SEE P/N TABLE
		CUSTOMER GENERAL MARKET	

**molex**

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

PRODUCT CUSTOMER DRAWING