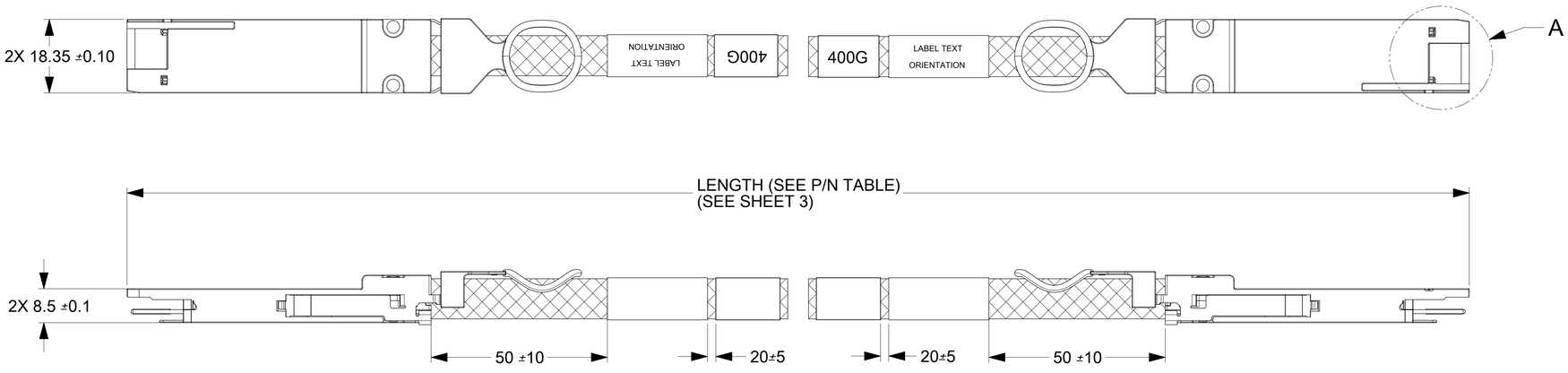
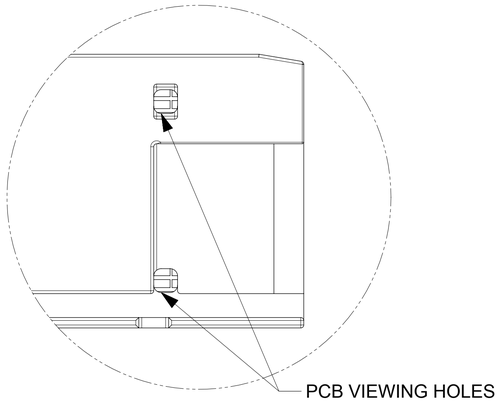
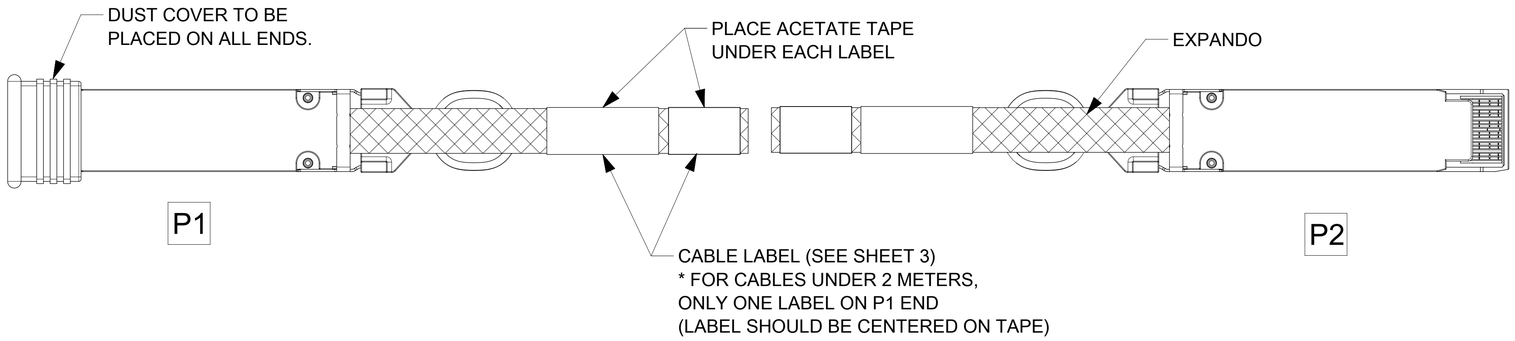
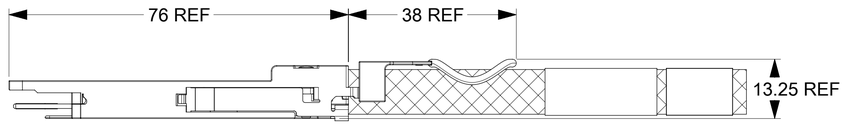




DETAIL A
SCALE 5:1





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. BUNDLED CABLE RATED UL VW-1 FLAME PER UL STYLE 21479
5. EEPROM MAP AVAILABLE UPON REQUEST
6. RoHS COMPLIANT, NO EXEMPTIONS

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/03 19:05:52

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FF = 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	5.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 638892
DRWN: JJACKSON02 2020/06/01
CHK'D: RWHIPPLE 2020/06/02
APPR: MGARRISON 2020/06/03

INITIAL REVISION:
DRWN: JJACKSON02 2020/05/26
APPR: MGARRISON 2020/05/26

molex

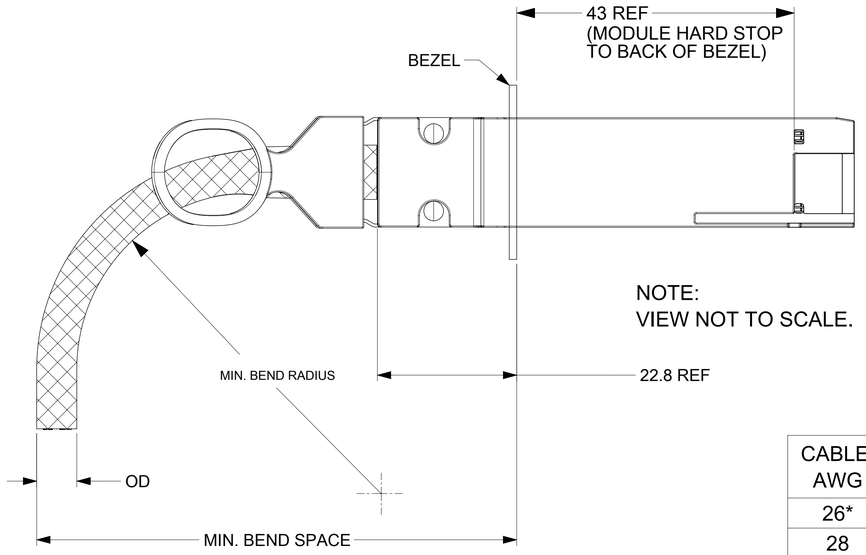
QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2015913104	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	201591	SEE P/N TABLE	GENERAL MARKET	1 OF 4

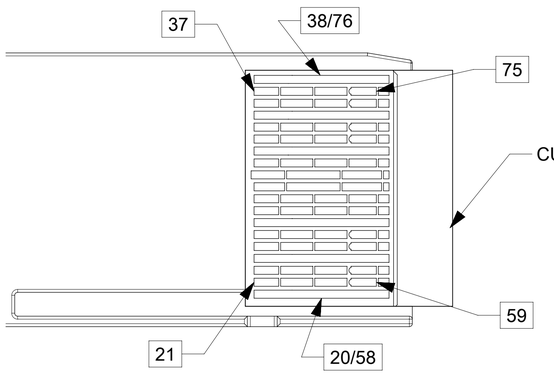
CABLE BEND RADIUS



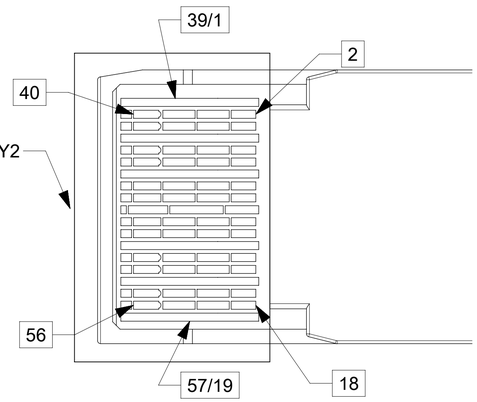
NOTE:
VIEW NOT TO SCALE.

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.



TOP VIEW



BOTTOM VIEW

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

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/03 19:05:52

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FD = 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS: mm
SCALE: 20:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 5.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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INITIAL REVISION:
DRWN: JJACKSON02 2020/05/26
APPR: MGARRISON 2020/05/26

THIRD ANGLE PROJECTION
DRAWING: D-SIZE
SERIES: 201591
MATERIAL NUMBER: SEE P/N TABLE
CUSTOMER: GENERAL MARKET

molex

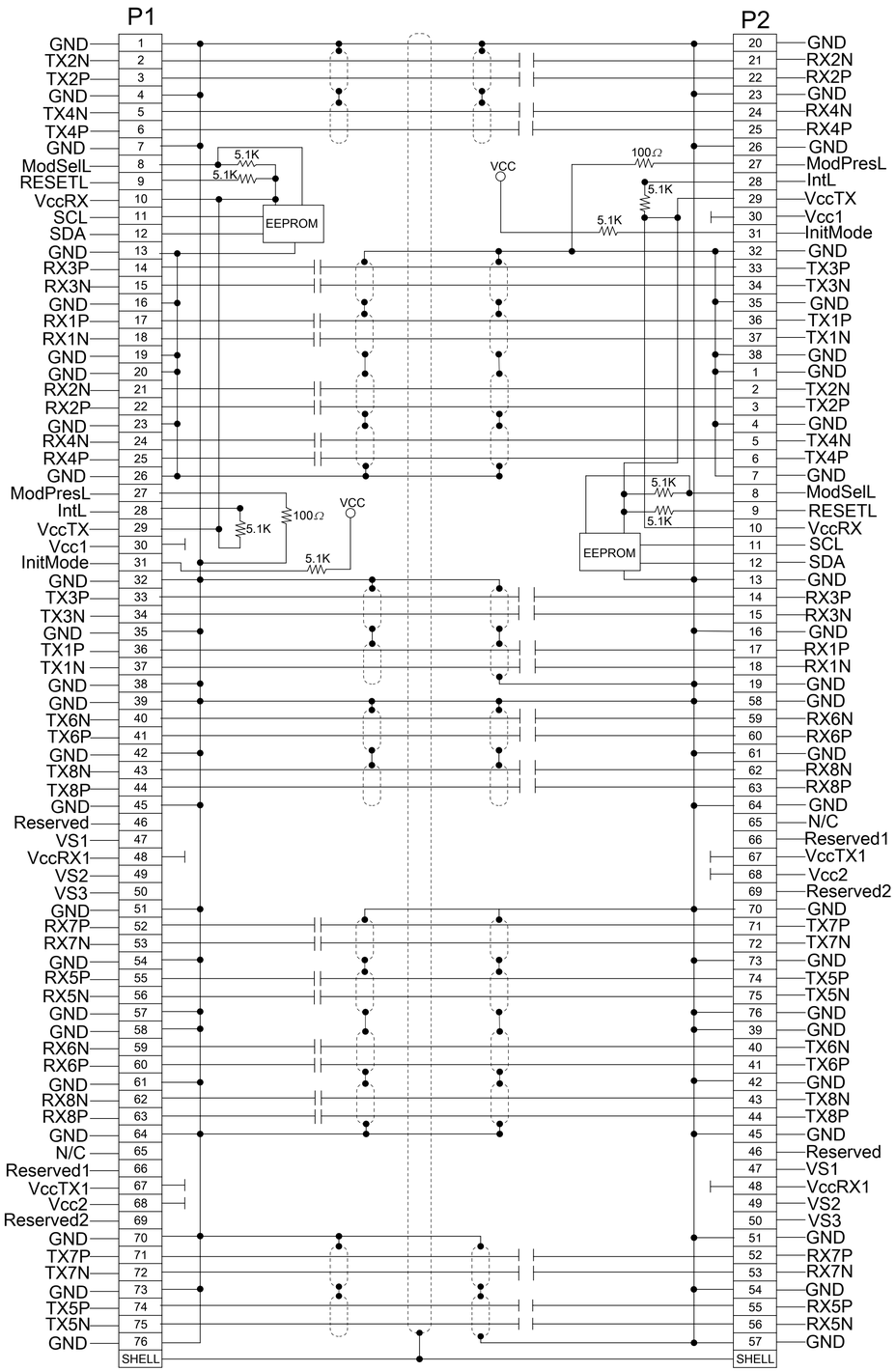
QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2015913104	PSD	000	C

SHEET NUMBER: 2 OF 4

WIRING DIAGRAM



DOCUMENT STATUS	P1	RELEASE DATE	2020/06/03	19:05:52

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 5.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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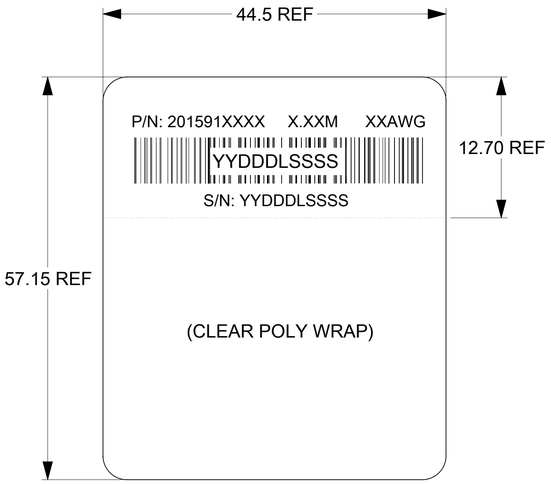
QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY

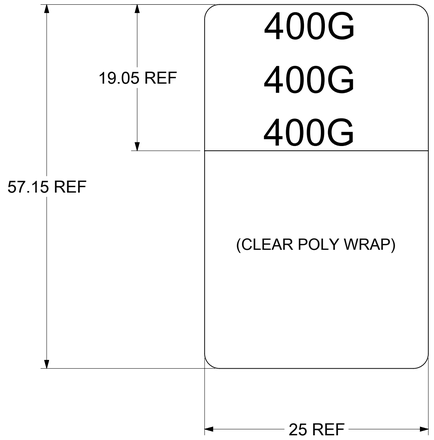
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2015913104	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	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
2015913104	1.0M +/- 0.05M	28
2015913124	1.25M+/- 0.05M	28
2015913154	1.5M +/- 0.08M	28
2015913174	1.75M +/- 0.08M	28
2015913204	2.0M +/- 0.08M	28
2015913254	2.5M +/- 0.08M	26
2015913274	2.75M +/- 0.08M	26
2015913304	3.0M +/- 0.08M	26

*CABLES MAY NOT MEET ALL IEEE 802.3cd 56G PAM4 PARAMETERS

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DIVISIONAL SYMBOLS

DIMENSION UNITS: mm | SCALE: 1:1

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4 PLACES	±
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1 PLACE	± 0.25
0 PLACES	±

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molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2015913104	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	201591	SEE P/N TABLE	GENERAL MARKET	4 OF 4