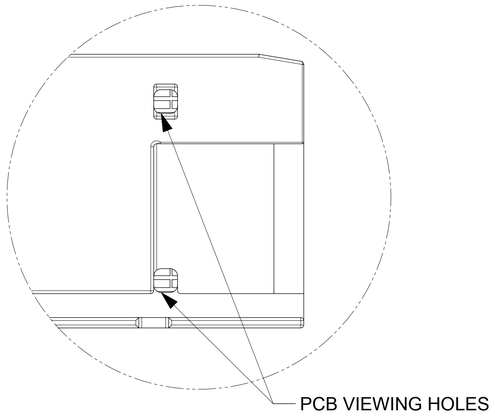
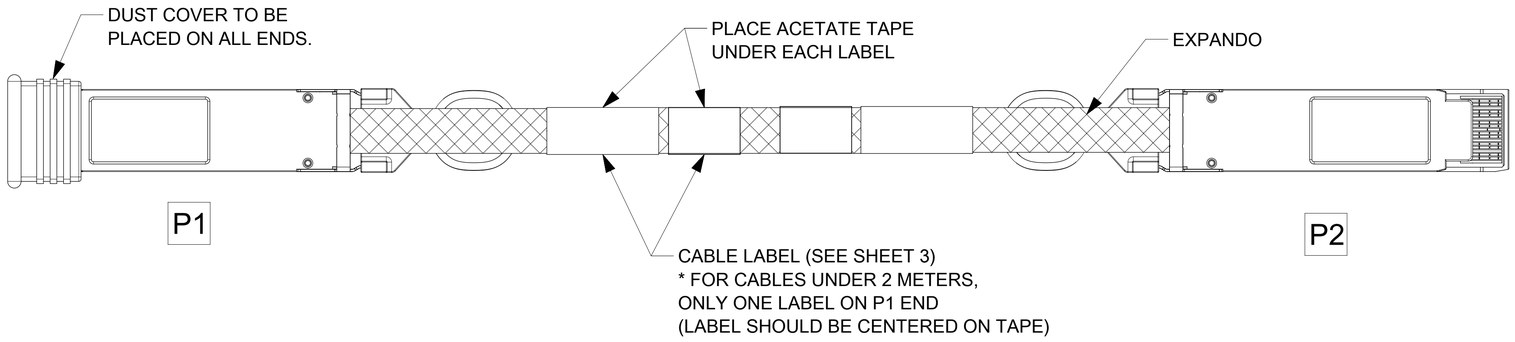
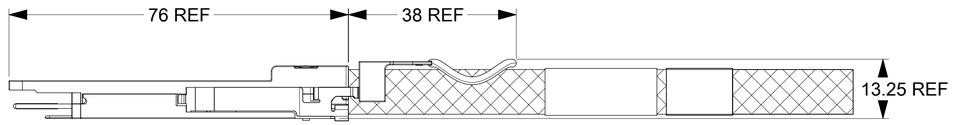




DETAIL A
SCALE 5:1





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	2021/09/10 01:01:00

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FF = 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
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: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE

EC NO: 677116
DRWN: ADITHK 2021/05/24
CHK'D: VITTAD 2021/09/09
APPR: MGARRISON 2021/09/10

INITIAL REVISION:
DRWN: TPRATT 2016/11/08
APPR: CHIRSCHY 2016/11/10

molex

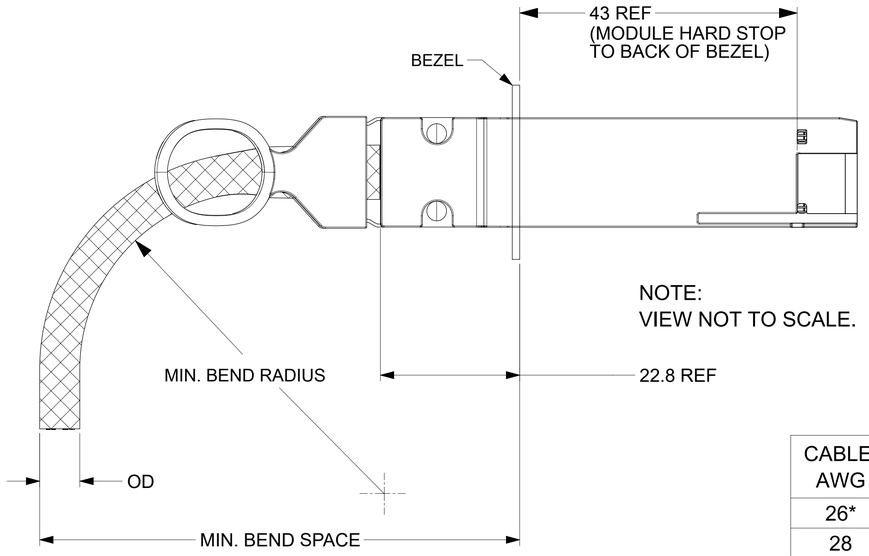
QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2015911005	PSD	000	U

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

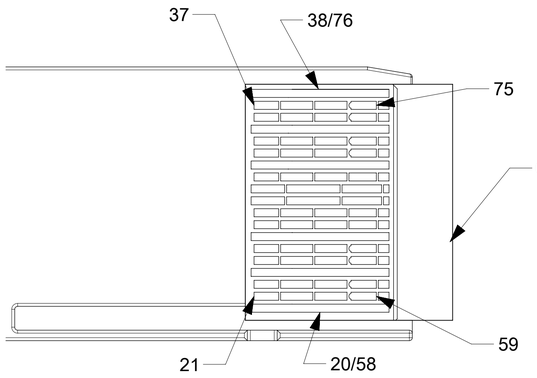
CABLE BEND RADIUS



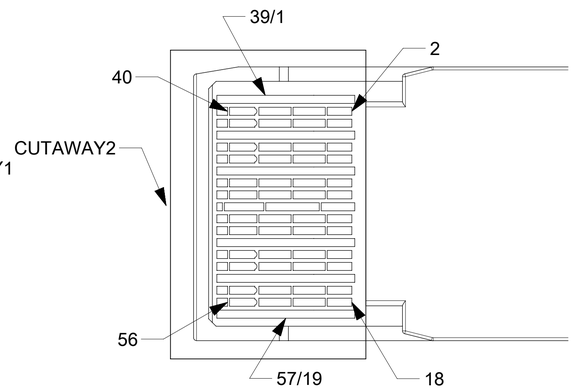
NOTE:
VIEW NOT TO SCALE.

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	2021/09/10 01:01:00

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FE = 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
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: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE

EC NO: 677116
DRWN: ADITHK 2021/05/24
CHK'D: VITTAD 2021/09/09
APPR: MGARRISON 2021/09/10

INITIAL REVISION:
DRWN: TPRATT 2016/11/08
APPR: CHIRSCHY 2016/11/10

THIRD ANGLE PROJECTION
DRAWING: D-SIZE
SERIES: 201591
MATERIAL NUMBER: SEE P/N TABLE
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 2 OF 4

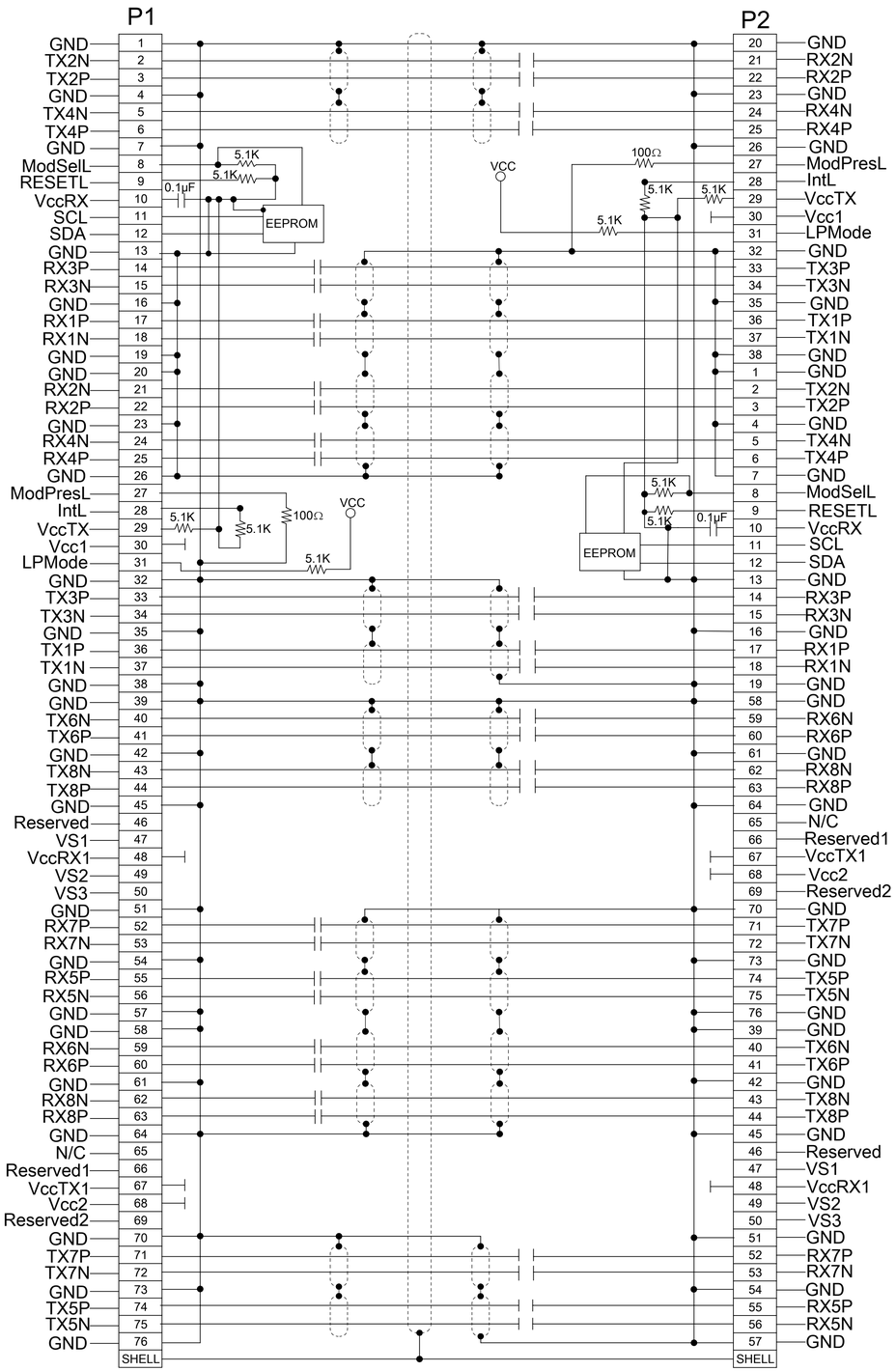
molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2015911005	PSD	000	U

WIRING DIAGRAM



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

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
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

CURRENT REV DESC: SHEET4 : ADDED LENGTH 2M 30AWG IN P/N TABLE

EC NO: 677116
DRWN: ADITHK 2021/05/24
CHK'D: VITTAD 2021/09/09
APPR: MGARRISON 2021/09/10

INITIAL REVISION:
DRWN: TPRATT 2016/11/08
APPR: CHIRSCHY 2016/11/10

molex

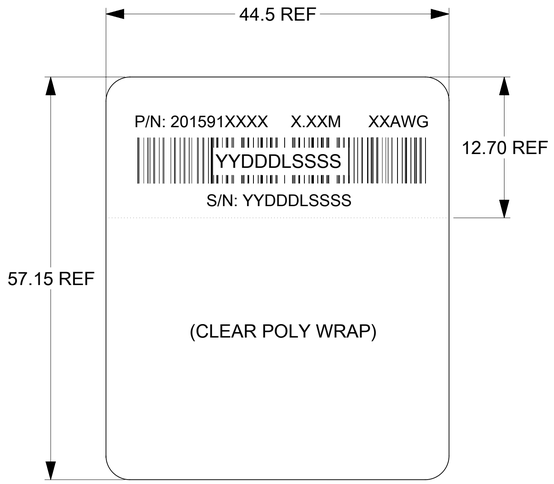
QSFP-DD TO QSFP-DD 56G PASSIVE CABLE ASY

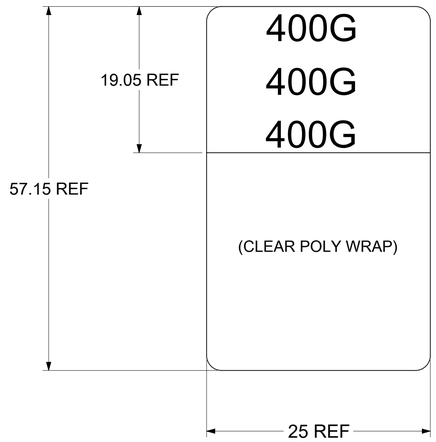
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2015911005	PSD	000	U

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

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