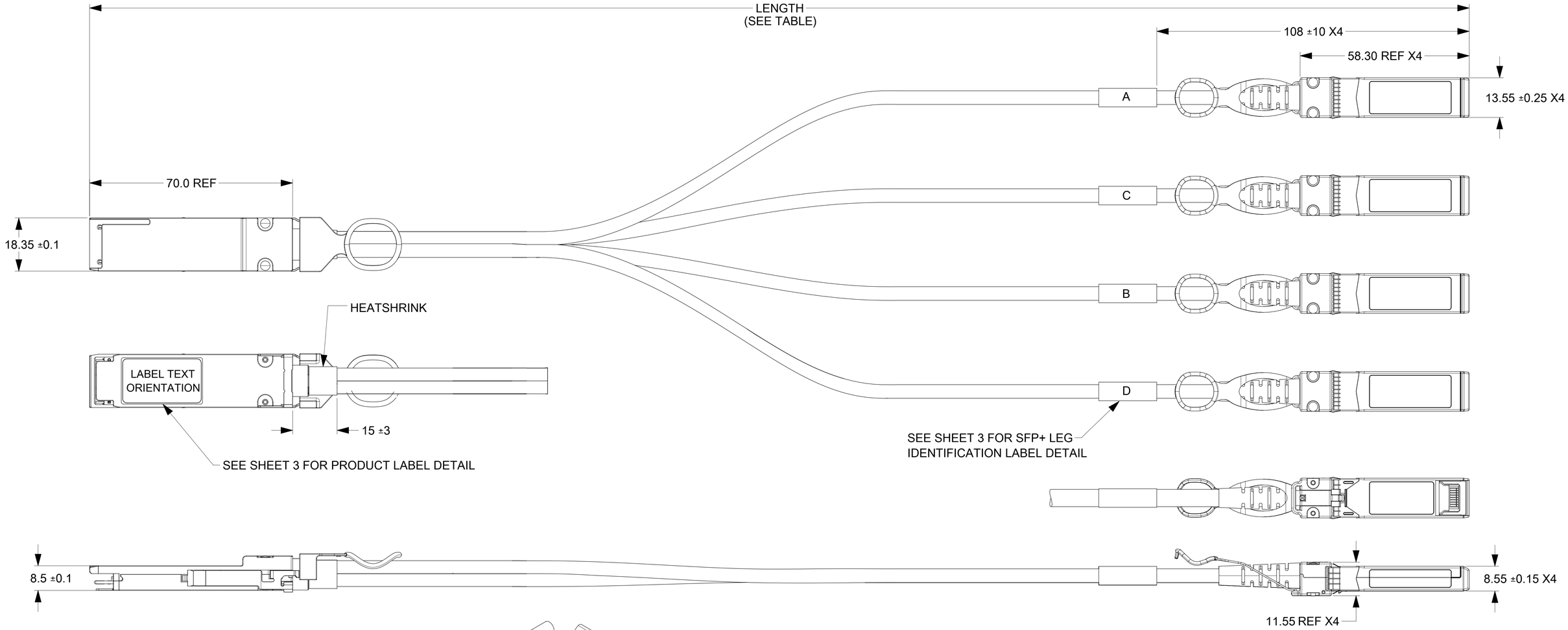


NOTES:

1. MATERIALS:
   - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
   - DELATCH - STAINLESS STEEL AND OVERMOLDED NYLON
   - PCB - FR4
   - RIVETS - STAINLESS STEEL
2. IMPEDANCE - 100 OHMS DIFFERENTIAL
3. RoHS COMPLIANT, NO EXEMPTIONS

DOCUMENT STATUS	P1	RELEASE DATE	2022/12/07 08:08:41

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FE = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CURRENT REV DESC: SHEET 2 ZONE E12 : UPDATED VALUES OF MIN BEND RADIUS AND MIN BEND SPACE IN TABLE FOR 26AWG.

EC NO: 730974

DRWN:	CHETAB3	2022/10/12
CHK'D:	VITTAD	2022/11/25
APPR:	SCHANNARAYAN	2022/12/07

INITIAL REVISION:

DRWN:	EMEDINA02	2017/03/01
APPR:	ARAYBURN	2017/03/14

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 74764

molex

QSFP+ TO (4) SFP+ 10G PASSIVE CBL ASSY

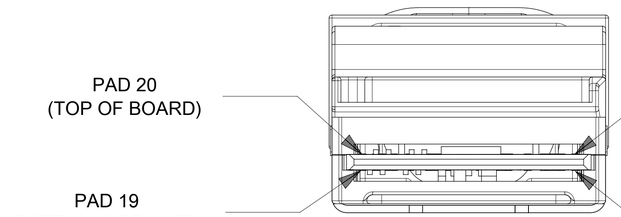
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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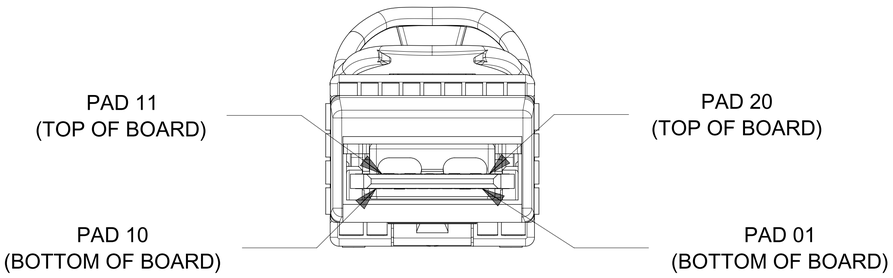
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PN TABLE	GENERAL MARKET	1 OF 3

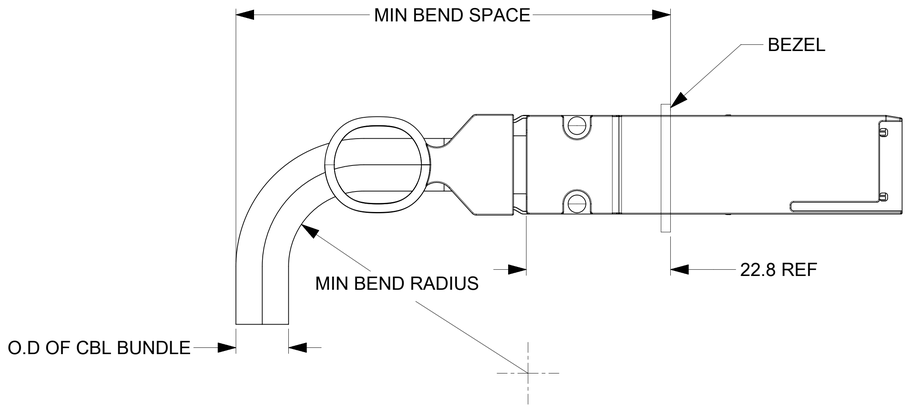
WIRING DIAGRAM					
QSFP+			SFP+		
PAD	SIGNAL		SIGNAL	PAD	PLUG
38	GND	-----	GND		A
37	TX1-	--->	RD-	12	
36	TX1+	--->	RD+	13	
16	GND	-----	GND		
17	RX1+	<---	TD+	18	
18	RX1-	<---	TD-	19	
04	GND	-----	GND		B
02	TX2-	--->	RD-	12	
03	TX2+	--->	RD+	13	
23	GND	-----	GND		
22	RX2+	<---	TD+	18	
21	RX2-	<---	TD-	19	
35	GND	-----	GND		C
34	TX3-	--->	RD-	12	
33	TX3+	--->	RD+	13	
13	GND	-----	GND		
14	RX3+	<---	TD+	18	
15	RX3-	<---	TD-	19	
07	GND	-----	GND		D
05	TX4-	--->	RD-	12	
06	TX4+	--->	RD+	13	
26	GND	-----	GND		
25	RX4+	<---	TD+	18	
24	RX4-	<---	TD-	19	

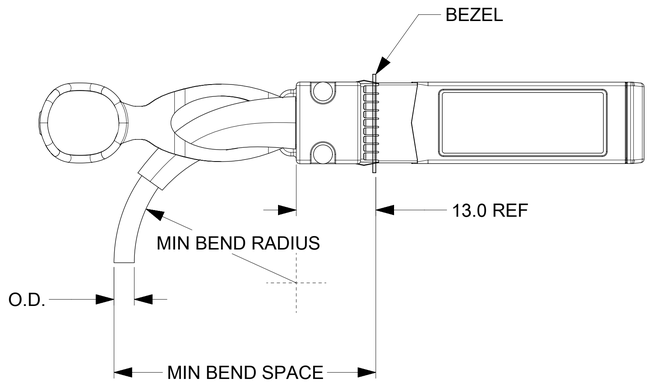
QSFP+



SFP+







LOW SPEED SIGNALS	
QSFP+	
PAD	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

LOW SPEED SIGNALS	
SFP+	
PAD	SIGNAL
02	Tx_Fault
03	Tx_Disable
04	SDA
05	SCL
06	Mod_ABS
07	RS0
08	Rx_LOS
09	RS1
15	VccR
16	VccT

CABLE AWG	OD OF CBL BUNDLE	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	8.4	21	52
28	9.4	23.5	55
26	10.4	52	85

CABLE AWG	OD	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
30	4.2	21	38
28	4.7	23.5	41
26	5.2	26	44

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

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DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SHEET 2 ZONE E12 : UPDATED VALUES OF MIN BEND RADIUS AND MIN BEND SPACE IN TABLE FOR 26AWG.

EC NO: 730974
DRWN: CHETAB3 2022/10/12
CHK'D: VITTAD 2022/11/25
APPR: SCHANNARAYAN 2022/12/07

INITIAL REVISION:
DRWN: EMEDINA02 2017/03/01
APPR: ARAYBURN 2017/03/14

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 74764

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QSFP+ TO (4) SFP+ 10G PASSIVE CBL ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747640001	PSD	000	T

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PN TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/12/07 08:08:41

PRODUCT LABEL DETAIL



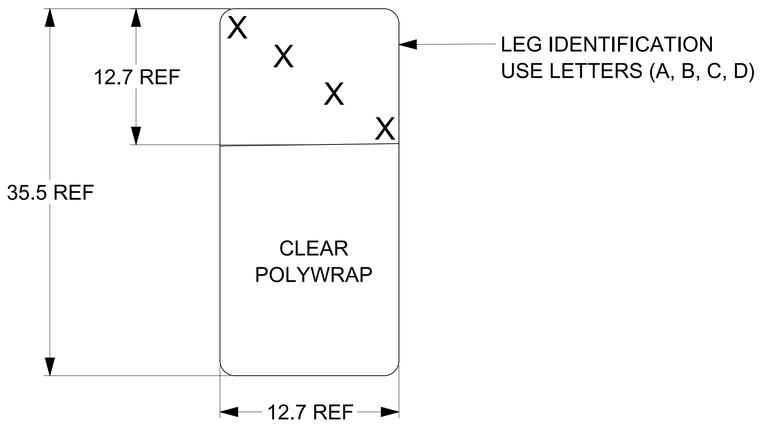

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P/N  SEE TABLE FOR PN
X.XM  = LENGTH AS SHOWN IN TABLE
XXAWG = AWG SIZE

YDDDLSSSS
      Y = LAST DIGIT OF THE YEAR
    DDD = DAY OF THE YEAR
      L = LOCATION
          1 = US
          2 = MEXICO
          3 = CHINA
          4 = PHILIPPINES
   SSSS = (0001-9999)
```

PART NUMBER TABLE

MOLEX P/N	LENGTH	TOL.	AWG
747641051	0.5M	±0.03M	30
747641101	1.0M	±0.05M	30
747641053	1.5M	±0.05M	30
747641201	2.0M	±0.05M	30
747641251	2.5M	±0.05M	30
747641301	3.0M	±0.05M	30
747642301	3.0M	±0.05M	28
747642602	5.0M	±0.08M	26

SFP LEG IDENTIFICATION LABEL DETAIL



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
FA = 0	DIMENSION UNITS: mm	SCALE: NTS	CURRENT REV DESC: SHEET 2 ZONE E12 : UPDATED VALUES OF MIN BEND RADIUS AND MIN BEND SPACE IN TABLE FOR 26AWG.
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 730974
FD = 0	ANGULAR TOL ± 1.0 °		DRWN: CHETAB3 2022/10/12
DIVISIONAL SYMBOLS	4 PLACES ±		CHK'D: VITTAD 2022/11/25
	3 PLACES ±		APPR: SCHANNARAYAN 2022/12/07
	2 PLACES ± 0.13		INITIAL REVISION:
	1 PLACE ± 0.25		DRWN: EMEDINA02 2017/03/01
	0 PLACES ±		APPR: ARAYBURN 2017/03/14
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION

molex

QSFP+ TO (4) SFP+ 10G PASSIVE CBL ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747640001	PSD	000	T

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
D-SIZE	74764	SEE PN TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/12/07 08:08:41

TEMPLATE created for product REVISION: 21 DATE: 2021/08/31