

MOLEX P/N	LENGTH [M]	TOL [mm]	AWG
747521058	0.5	±30	30
747521108	1.0	±50	30
747521158	1.5	±50	30
747521208	2.0	±50	30
747521258	2.5	±50	30
747521308	3.0	±50	30
747521355	3.5	±50	30
747521408	4.0	±50	30
747521508	5.0	±80	30

NOTES:
1. MATERIALS
   - RAW CABLE - PVC
   - BACKSHELLS - NICKEL PLATED ZINC
   - DE-LATCH - PLASTIC
   - PULL - NYLON
   - PCB - HALOGEN FREE LAMINATE MATERIAL
2. IMPEDANCE - 100OHMS DIFFERENTIAL
3. RoHS COMPLIANT, NO EXEMPTIONS
4. EEPROM COMPLIANT TO SFF-8472 REV 11.0

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

DIMENSION UNITS	mm
SCALE	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 2.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: OBSOLETED PART NUMBER AS PER PCN#509457.

EC NO: 680890
DRWN: SANTHN 2021/10/08
CHK'D: GGA 2021/11/25
APPR: GGA 2021/11/25

INITIAL REVISION:
DRWN: EMEDINA02 2016/04/13
APPR: ARAYBURN 2016/04/18

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SFP+ TO SFP+ 10G PASSIVE CABLE ASSEMBLY

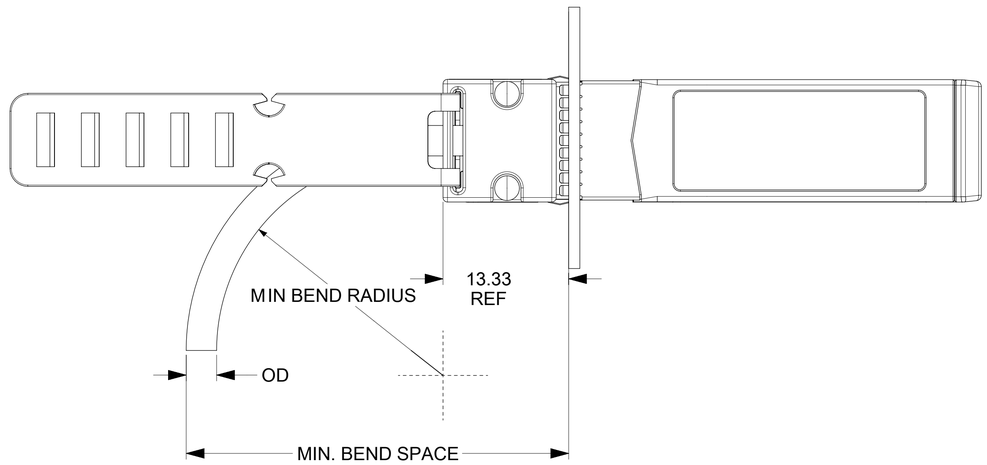
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747520008	PSD	000	H1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	74752	SEE P/N TABLE	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/11/25 12:19:23

CABLE BEND RADIUS



CABLE AWG	CABLE OD [mm]	MINIMUM BEND RADIUS [mm]	MINIMUM BEND SPACE [mm]
30	4.20	21	38
26	5.20	26	44

P1 END			P2 END	
PAD	SIGNAL		PAD	SIGNAL
12	RD-	←	19	TD-
13	RD+	←	18	TD+
18	TD+	→	13	RD+
19	TD-	→	12	RD-
02	Tx_Fault	NC NC	02	Tx_Fault
03	Tx_Disable	NC NC	03	Tx_Disable
04	SDA	■ ■	04	SDA
05	SCL	■ ■	05	SCL
06	Mod_ABS	NC NC	06	Mod_ABS
07	RS0	NC NC	07	RS0
08	Rx_LOS	NC NC	08	Rx_LOS
09	RS1	NC NC	09	RS1
15	VccR	NC NC	15	VccR
16	VccT	NC NC	16	VccT

LEGEND:

→ - THRU LINES

NC - NOT CONNECTED

■ - CONNECTION TO A DEVICE ON THE PCB

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SCALE	3:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 2.0 °
4 PLACES	±
3 PLACES	±
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0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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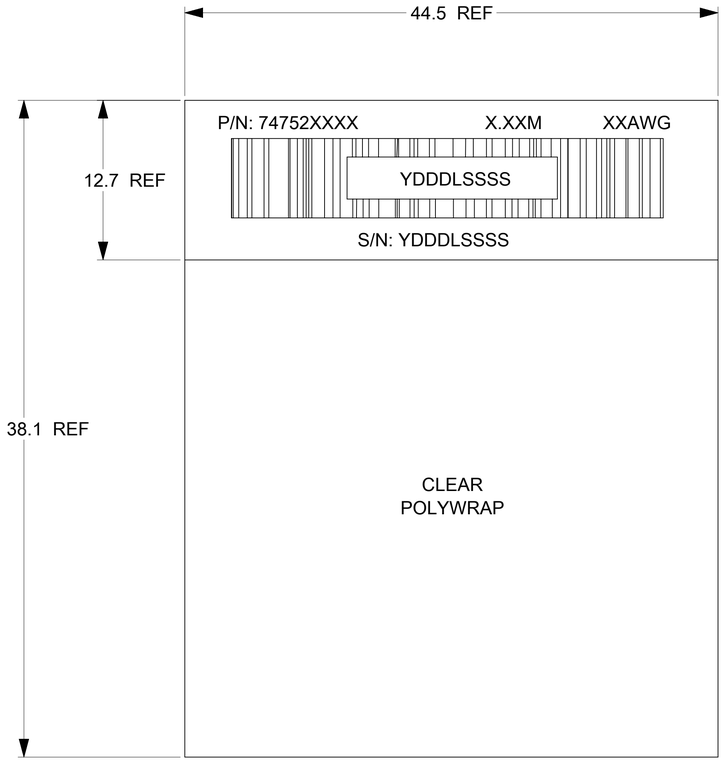
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THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	74752	SEE P/N TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/11/25 12:19:23

CABLE LABEL DETAILS



P/N: SEE TABLE
S/N: Y = YEAR, LAST DIGIT OF YEAR
DDD = DAY OF THE YEAR
L = LOCATION - 1 = USA
2 = MEXICO
3 = CHINA
4 = PHILIPPINES
SSSS = SERIAL NUMBER

X.XXM: CABLE LENGTH, SEE TABLE

XXAWG: WIRE GAGE, SEE TABLE

(DATE CODE ISO-8601 FORMAT)

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mm	2:1

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SFP+ TO SFP+ 10G PASSIVE CABLE ASSEMBLY

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THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	74752	SEE P/N TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/11/25 12:19:23