

NOTES:

1. MATERIALS
   - BACKSHELLS- NICKEL PLATED ZINC
   - DE-LATCH - PLASTIC
   - PCB - FR-4
   - RIVETS - STAINLESS STEEL
2. IMPEDANCE - 100 OHMS DIFFERENTIAL, PASSIVE
3. PULL TO RELEASE, PLUNGER STYLE LATCH
4. EACH ASSEBLY HAS A SERIAL ID
5. 11.09 Gbps BACKWARDS COMPATIBLE TO 1.0625 Gbps
6. RoHS COMPLIANT, NO EXEMPTIONS

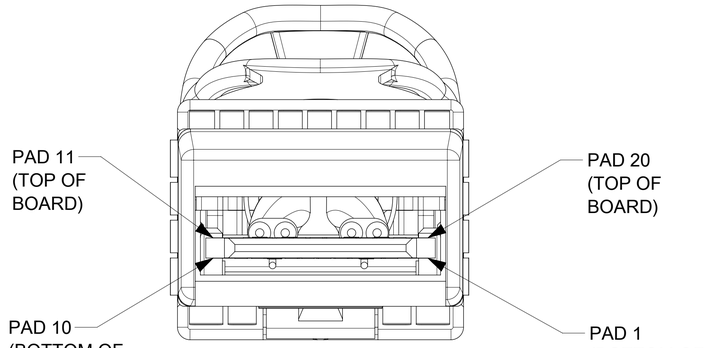
DOCUMENT STATUS	P1	RELEASE DATE	2021/04/27 12:43:09

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: 2:1	CURRENT REV DESC: ADDED 3M_30AWG, 5M_26AWG & 7M_24AWG LENGTH TO PN TABLE IN SHEET 3	molex
	GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 2.0 °; 4 PLACES ±; 3 PLACES ±; 2 PLACES ± 0.13; 1 PLACE ± 0.25; 0 PLACES ±	EC NO: 662101 DRWN: VITTAD 2021/03/30 CHK'D: ADITHK 2021/04/27 APPR: KNAGANNA 2021/04/27	SFP+ TO SFP+ 10G PASSIVE CABLE ASSEMBLY
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	INITIAL REVISION: DRWN: DRAMIREZ02 2016/11/17 APPR: ARAYBURN 2016/11/22	PRODUCT CUSTOMER DRAWING
	THIRD ANGLE PROJECTION; DRAWING: D-SIZE; SERIES: 74752	MATERIAL NUMBER: SEE PN TABLE; CUSTOMER: GENERAL MARKET	DOCUMENT NUMBER: 747520001; DOC TYPE: PSD; DOC PART: 000; REVISION: W; SHEET NUMBER: 1 OF 3

WIRING DIAGRAM				
P1 END			P2 END	
PAD	SIGNAL		PAD	SIGNAL
12	RD-	<-------	19	TD-
13	RD+	<-------	18	TD+
18	TD+	------->	13	RD+
19	TD-	------->	12	RD-

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

CUSTOM LENGTHS AVAILABLE.
LONGER LENGTH APPLICATIONS REQUIRE
HOST SYSTEM PRE-EMPHASIS AND
EQUALIZATION.
SEE DATASHEET FOR MORE INFORMATION.



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

DIMENSION UNITS	SCALE
mm	7:1

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: ADDED 3M_30AWG, 5M_26AWG & 7M_24AWG LENGTH TO PN TABLE IN SHEET 3

EC NO: 662101
DRWN: VITTAD 2021/03/30
CHK'D: ADITHK 2021/04/27
APPR: KNAGANNA 2021/04/27

INITIAL REVISION:
DRWN: DRAMIREZ02 2016/11/17
APPR: ARAYBURN 2016/11/22

molex

SFP+ TO SFP+ 10G PASSIVE CABLE ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747520001	PSD	000	W

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 74752 | MATERIAL NUMBER: SEE PN TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/04/27 12:43:09

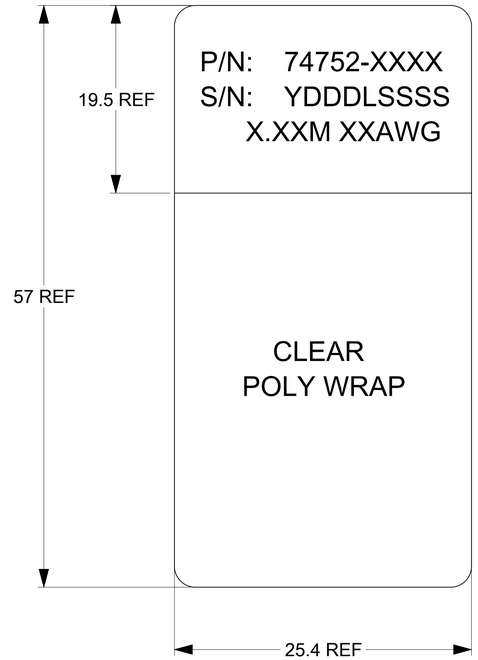
PART NUMBER TABLE

PART NUMBER	LENGTH	TOL.	AWG
747521031	0.30M	± 0.03M	30
747521051	0.50M	± 0.05M	30
747521101	1.0M	± 0.05M	30
747521305	3.0M	± 0.05M	30
747521701	7.0M	± 0.08M	30
747521801	8.0M	± 0.08M	30
747521901	9.0M	± 0.08M	30
747529001	10.0M	± 0.08M	30
747522101	1.0M	± 0.05M	28
747522301	3.0M	± 0.05M	28
747522501	5.0M	± 0.08M	28
747522901	9.0M	± 0.08M	28
747529010	15.0M	± 0.08M	28

PART NUMBER	LENGTH	TOL.	AWG
747523061	0.60M	± 0.03M	26
747523201	2.0M	± 0.05M	26
747523505	5.0M	± 0.08M	26
747523901	9.0M	± 0.08M	26
747524501	5.0M	± 0.08M	24
747524705	7.0M	± 0.08M	24
747529013	11.0M	± 0.08M	24
747529015	13.0M	± 0.08M	24
747529016	14.0M	± 0.08M	24

*1M AND SHORTER LENGTH CABLES ARE NOT
FULLY COMPLIANCE WITH SFF-8431 FOR SCC11.

CABLE LABEL DETAIL



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

X.XXM---LENGTH AS SHOWN IN P/N TABLE

XXAWG---AWG SIZE

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DIVISIONAL SYMBOLS

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DIMENSION UNITS: mm
SCALE: 1:1

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

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molex

SFP+ TO SFP+ 10G PASSIVE CABLE ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747520001	PSD	000	W

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 74752 | MATERIAL NUMBER: SEE PN TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 3 OF 3

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