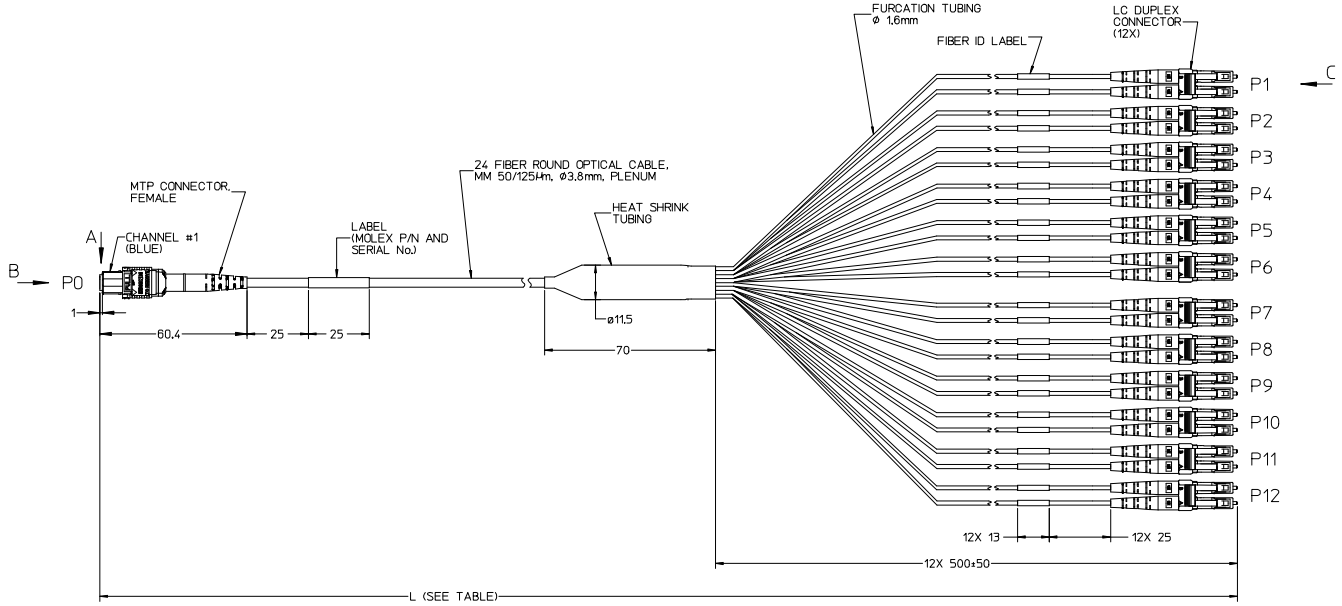
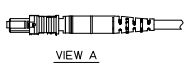
CABLE ASSEMBLY PART NUMBER			OVERALL LENGTH L (m)
STANDARD BANDWIDTH*	HIGH BANDWIDTH (OM3)*	HIGH BANDWIDTH (OM4)*	
106284-5001	106284-5101	106284-5201	1,0 +0,2/-0
106284-5002	106284-5102	106284-5202	3,0 +0,2/-0
106284-5003	106284-5103	106284-5203	5,0 +0,2/-0
106284-5004	106284-5104	106284-5204	10,0 +0,3/-0
106284-5005	106284-5105	106284-5205	15,0 +0,3/-0



FROM P0	TO	
	CONNECTOR	FIBER ID
Tx-1	P1-A	Tx-1
Tx-2	P2-A	Tx-2
Tx-3	P3-A	Tx-3
Tx-4	P4-A	Tx-4
Tx-5	P5-A	Tx-5
Tx-6	P6-A	Tx-6
Tx-7	P7-A	Tx-7
Tx-8	P8-A	Tx-8
Tx-9	P9-A	Tx-9
Tx-10	P10-A	Tx-10
Tx-11	P11-A	Tx-11
Tx-12	P12-A	Tx-12
Rx-1	P1-B	Rx-1
Rx-2	P2-B	Rx-2
Rx-3	P3-B	Rx-3
Rx-4	P4-B	Rx-4
Rx-5	P5-B	Rx-5
Rx-6	P6-B	Rx-6
Rx-7	P7-B	Rx-7
Rx-8	P8-B	Rx-8
Rx-9	P9-B	Rx-9
Rx-10	P10-B	Rx-10
Rx-11	P11-B	Rx-11
Rx-12	P12-B	Rx-12





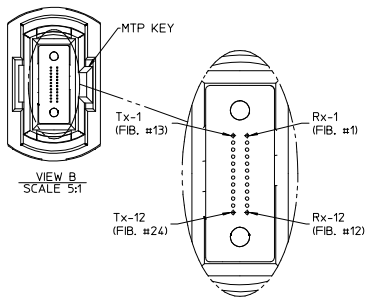
VIEW C (TYP.)
SCALE 2:1

NOTES:

1. CABLE ASSEMBLY SPECIFICATIONS:

OPTICAL PROPERTIES	
FIBER TYPE	MULTIMODE 50/125 µm
CONNECTOR INSERTION LOSS MTP/LC (MAX.)	1,0/0,35 dB
CABLE ATTENUATION (MAX.)	3.5/1,2 dB/km AT 850/1300 nm
*BANDWIDTH	SEE TABLE 1
ENVIRONMENTAL PROPERTIES	
CONNECTOR MATERIALS	UL94 V-0
OPERATING TEMPERATURE RANGE	-0°C TO +70°C
MECHANICAL PROPERTIES	
FIBER COUNT	24F = 12 Rx / 12 Tx
CABLE MIN. BEND RADIUS	
SHORT TERM	57 mm
LONG TERM	38 mm
CABLE COMPRESSIVE FORCE	>3.5 N/mm

2. CABLE ASSEMBLY AND ITS COMPONENTS ARE COMPLIANT WITH EU DIRECTIVE 2002/95/EC ON THE RESTRICTION OF THE USE OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS).



VIEW B
SCALE 5:1

TABLE 1

FIBER TYPE	OVERFILLED LAUNCH BANDWIDTH, MIN. (MHz-km)		1 GIGABIT ETHERNET LINK DISTANCE, MIN. (m)		10 GIGABIT ETHERNET LINK DISTANCE, MIN. (m)		EFFECTIVE MODAL BANDWIDTH (MHz-km)
	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm	850 nm
STANDARD BANDWIDTH (OM2)	500	500	600	600	86	---	---
HIGH BANDWIDTH (OM3)	1500	500	900	550	300	---	2000
HIGH BANDWIDTH (OM4)	3500	550	1040	550	550	---	4700

ENTER DESCRIPTION
EC NO: MF2015-0647 2015/04/23
DRWN: SBOJANIC 2015/07/06
CH'KD:
APPR: IGUMIN
DESCRIPTION
D
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: IGUMIN DATE: 2009/09/23
CHECKED BY: DATE:
APPROVED BY: WCHEN DATE: 2010/11/19
MATERIAL NO.: SEE TABLE

TITLE: MOLEX CXP OPTICAL BREAKOUT CABLE ASSEMBLY

molex

DOCUMENT NO.: SD-106284-5XXX
SHEET NO.: 1 OF 1
SIZE: D

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