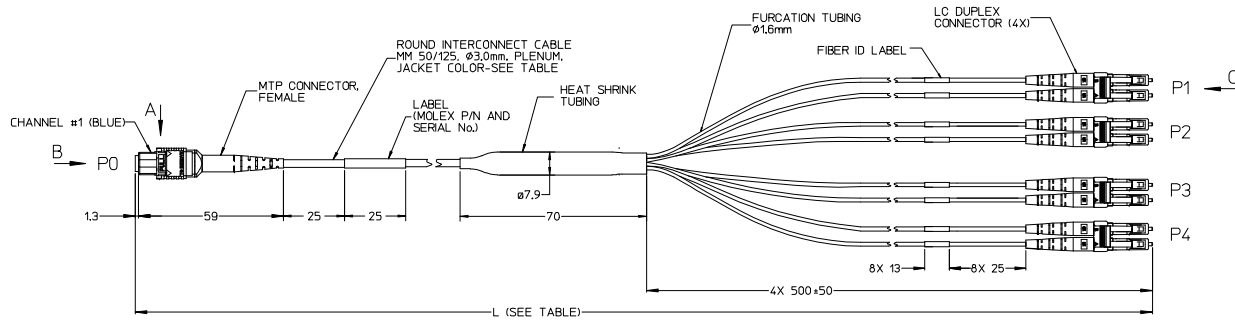
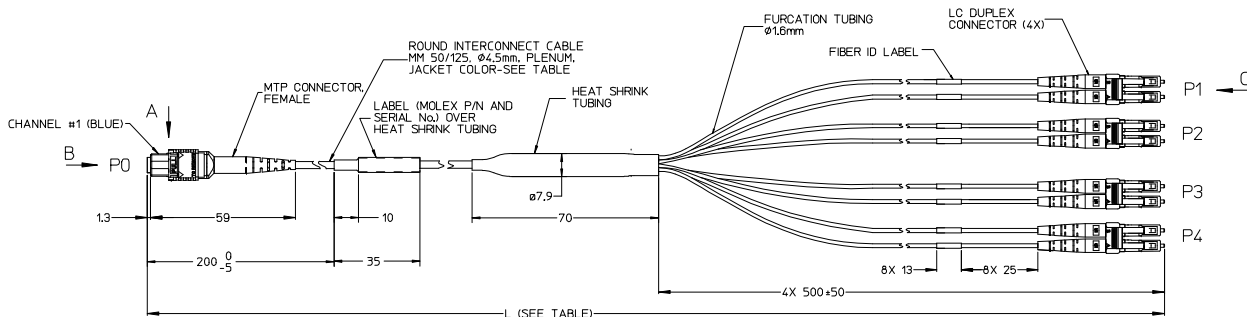


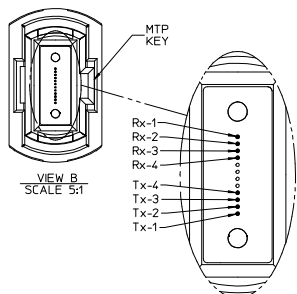
QSFP CABLE ASSEMBLY PART NUMBER			OVERALL LENGTH L (m)	CABLE DIA. (mm)	CABLE TYPE
STANDARD BANDWIDTH (OM2) (ORANGE CABLE)	HIGH BANDWIDTH (OM3) (AQUA CABLE)	HIGH BANDWIDTH (OM4) (AQUA CABLE)			
106283-5001	106283-5101	106283-5401	1.0 +0.2/-0	3.0	BARE FIBER INTERCONNECT, SINGLE JACKET
106283-5009	106283-5109	106283-5402	2.0 +0.2/-0		
106283-5002	106283-5102	106283-5403	3.0 +0.2/-0		
TBD	106283-5119	TBD	4.0 +0.2/-0		
106283-5003	106283-5103	106283-5404	5.0 +0.2/-0		
TBD	TBD	106283-5411	6.0 +0.2/-0		
106283-5014	106283-5114	106283-5414	7.0 +0.2/-0		
106283-5004	106283-5104	106283-5405	10.0 +0.3/-0	4.5	BARE FIBER INTERCONNECT, DUAL JACKET
TBD	106283-5117	TBD	12.0 +0.3/-0		
106283-5005	106283-5105	106283-5406	15.0 +0.3/-0		
106283-5007	106283-5107	106283-5407	20.0 +0.4/-0		
106283-5017	106283-5108	106283-5408	30.0 +0.6/-0		
106283-5015	106283-5115	TBD	50.0 +1.0/-0		
TBD	106283-5126	106283-5409	75.0 +1.5/-0		
TBD	106283-5127	106283-5410	80.0 +1.6/-0		
106283-5016	106283-5116	TBD	100.0 +2.0/-0		



SINGLE JACKET ASSEMBLY



DUAL JACKET ASSEMBLY



VIEW A



VIEW C

NOTES:

1. CABLE ASSEMBLY SPECIFICATIONS:

OPTICAL PROPERTIES

FIBER TYPE
CONNECTOR INSERTION LOSS MTP/LC (MAX)
CABLE ATTENUATION (MAX)
BANDWIDTH

ENVIRONMENTAL PROPERTIES

CONNECTOR MATERIALS
CABLE FLAMMABILITY RATING
OPERATING TEMPERATURE RANGE

MECHANICAL PROPERTIES

FIBER COUNT
CABLE MIN. BEND RADIUS
SHORT TERM

LONG TERM

NO LOAD

COMPRESSION FORCE

SINGLE JACKET OR SUBUNIT
JACKET OF DUAL JACKET

IN CONTROLLED 90° AND 180° BENDS, CABLE MINIMUM BEND

RADIUS CAN BE REDUCED TO 1.5 IN (38 mm).

MULTIMODE 50/125 μ m BEND-INSENSITIVE

0.5/0.35 dB

3.5/1.2 dB/km AT 850/1300 nm

SEE TABLE 1

UL94 V-0

PLENUM OFNP (NFPA 262/UL 910)

-0°C TO +70°C

4 Tx X 4 Rx

50 mm - SINGLE JACKET

89 mm - DUAL JACKET

20 mm - SINGLE JACKET

57 mm - DUAL JACKET

12.5 mm - SINGLE JACKET

OR SUBUNIT JACKET OF DUAL JACKET

>3.5 N/mm

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	
STANDARD BANDWIDTH (OM2)	500	500	600	---	86	---	---
HIGH BANDWIDTH (OM3)	1500	500	1000	---	300	---	2000
HIGH BANDWIDTH (OM4)	3500	550	1040	---	550	---	4700

ENTER DESCRIPTION
EC NO. MF2015-0770
DRAWN: GUMIN
CHKD:
APPR: GUMIN

2014/09/24
2014/09/30

REVISION
E8

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
0 PLACE ± ±
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY
IGUMIN

CHECKED BY
DATE
2006/01/31

APPROVED BY
DATE
2010/04/06

MATERIAL NO.
SEE TABLE

SCALE
1:1

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

TITLE
MOLEX QSFP OPTICAL
BREAK-OUT CABLE ASSEMBLY

DOCUMENT NO.
SD-106283-5XXX

SHEET NO.
1 OF 1

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