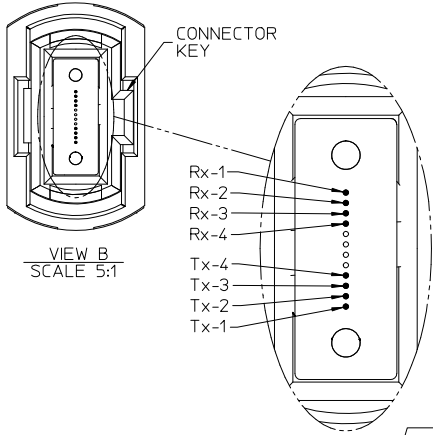
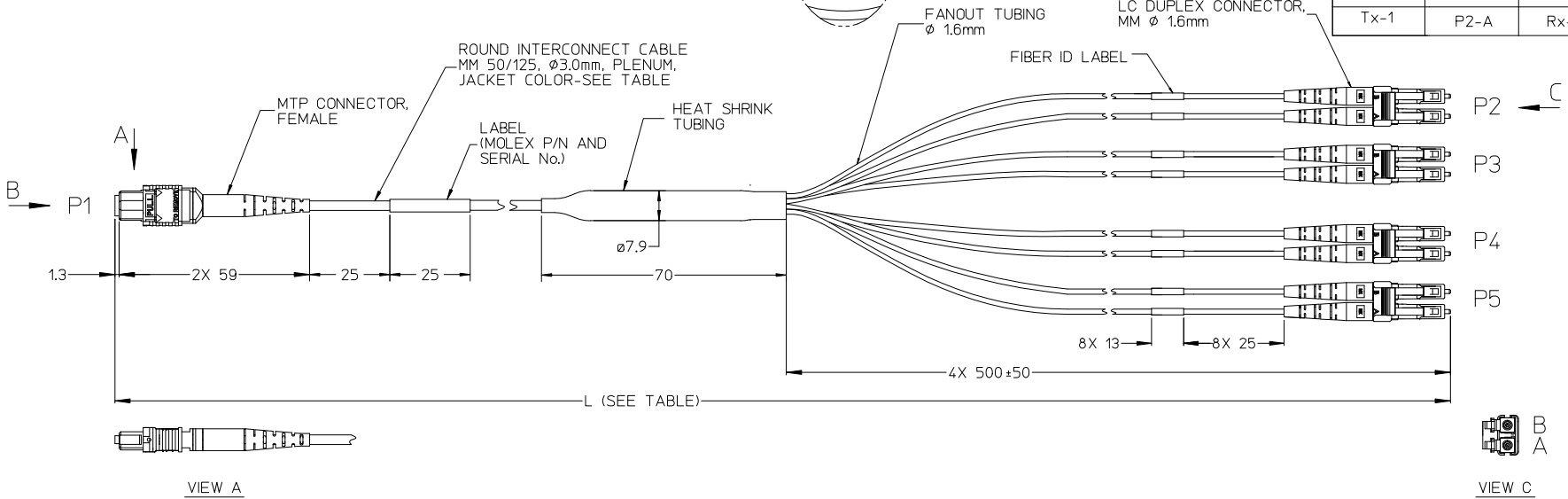


QSFP CABLE ASSEMBLY PART NUMBER			OVERALL LENGTH L (m)
STANDARD BANDWIDTH (OM2)* (ORANGE CABLE)	HIGH BANDWIDTH (OM3)* (AQUA CABLE)	HIGH BANDWIDTH (OM4)* (AQUA CABLE)	
106283-5001	106283-5101	106283-5401	1.0 +0.2/-0
106283-5009	106283-5109	106283-5402	2.0 +0.2/-0
106283-5002	106283-5102	106283-5403	3.0 +0.2/-0
106283-5003	106283-5103	106283-5404	5.0 +0.2/-0
106283-5004	106283-5104	106283-5405	10.0 +0.3/-0
106283-5005	106283-5105	106283-5406	15.0 +0.3/-0
	106283-5107	106283-5407	20.0 +0.4/-0
	106283-5108	106283-5408	30.0 +0.6/-0



FROM P1	TO	
	CONNECTOR	FIBER ID
Rx-1	P2-B	Tx-1
Rx-2	P3-B	Tx-2
Rx-3	P4-B	Tx-3
Rx-4	P5-B	Tx-4
UNUSED	UNUSED	UNUSED
UNUSED	UNUSED	UNUSED
UNUSED	UNUSED	UNUSED
UNUSED	UNUSED	UNUSED
Tx-4	P5-A	Rx-4
Tx-3	P4-A	Rx-3
Tx-2	P3-A	Rx-2
Tx-1	P2-A	Rx-1



NOTES:

- CABLE ASSEMBLY SPECIFICATIONS:
 - OPTICAL PROPERTIES
 - FIBER TYPE: MULTIMODE 50/125 μm BEND-INSENS.
 - CONNECTOR INSERTION LOSS MTP/LC (MAX.): 0.5/0.35 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
 - CABLE FLAMMABILITY RATING: PLENUM OFNP (NFPA 262/UL 910)
 - OPERATING TEMPERATURE RANGE: -0°C TO +70°C
 - MECHANICAL PROPERTIES
 - FIBER COUNT: 4 Tx X 4 Rx
 - CABLE MIN. BEND RADIUS
 - SHORT TERM: 50 mm
 - LONG TERM: 20 mm
 - NO LOAD: 12.5 mm
 - COMPRESSIVE FORCE: >3.5 N/mm

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

ENTER DESCRIPTION EC NO.: MF2012-0490 DRAWN: KPEVZNER 2012/04/10 CHKD: APPR: IGUMIN 2012/04/12	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- 0 PLACE ± ±		DRAWN BY IGUMIN		DATE 2006/01/31	TITLE MOLEX QSFP OPTICAL BREAK-OUT CABLE ASSEMBLY		
		ANGULAR ±1/2°		APPROVED BY IGUMIN		DATE 2010/04/06	DOCUMENT NO. SD-106283-5XXX		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SHEET NO. 1 OF 1			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION