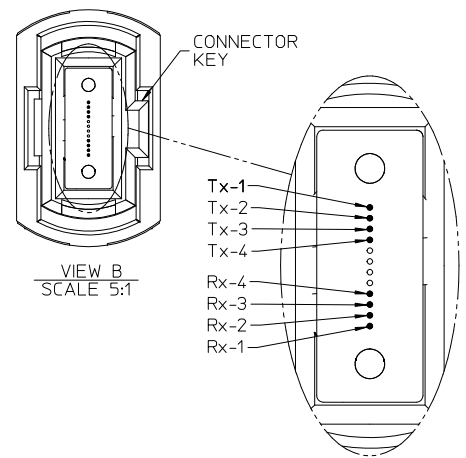
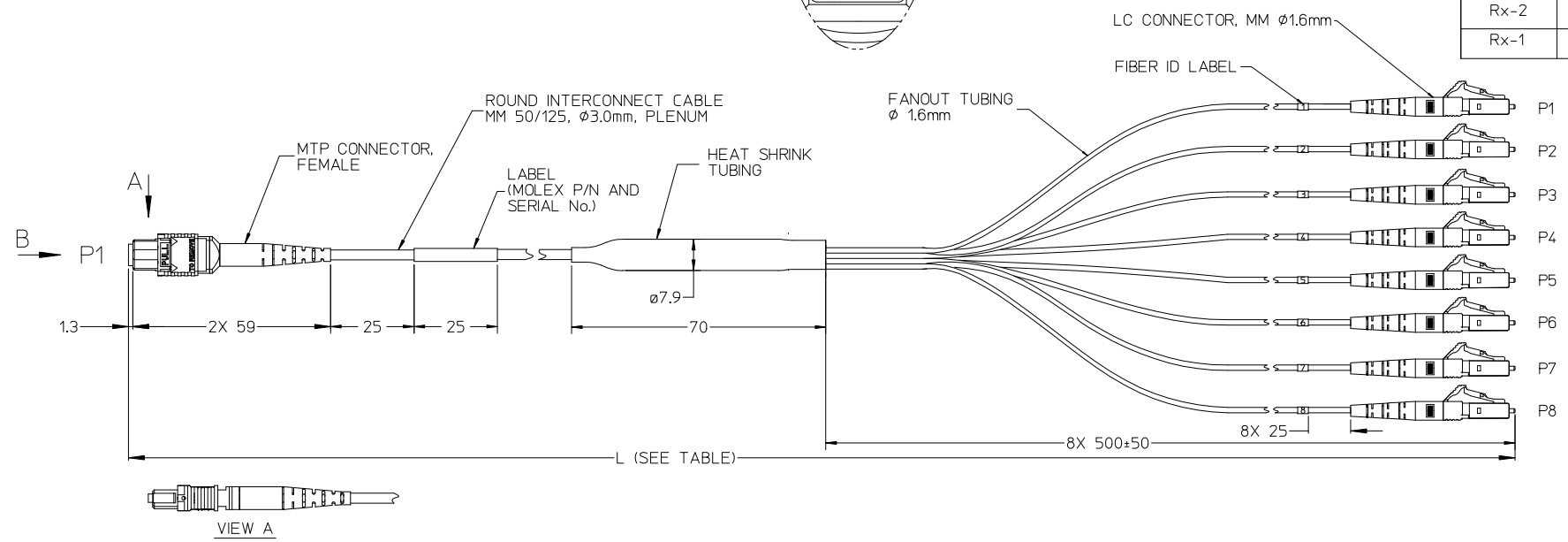


CABLE ASSEMBLY PART NUMBER		OVERALL LENGTH L (m)
STANDARD BANDWIDTH*	HIGH BANDWIDTH*	
106283-5201	106283-5301	1.0 +0.2/-0
106283-5202	106283-5302	3.0 +0.2/-0
106283-5203	106283-5303	5.0 +0.2/-0
106283-5204	106283-5304	10.0 +0.3/-0
106283-5205	106283-5305	15.0 +0.3/-0
106283-5210	-	7.0 +0.2/-0



FROM P1	TO CONNECTOR	FIBER ID
Tx-1	P1	1
Tx-2	P2	2
Tx-3	P3	3
Tx-4	P4	4
UNUSED	UNUSED	UNUSED
UNUSED	UNUSED	UNUSED
UNUSED	UNUSED	UNUSED
UNUSED	UNUSED	UNUSED
Rx-4	P5	5
Rx-3	P6	6
Rx-2	P7	7
Rx-1	P8	8



NOTES:
1. CABLE ASSEMBLY SPECIFICATIONS:

OPTICAL PROPERTIES	
FIBER TYPE	MULTIMODE 50/125 μ m
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
OPERATING TEMPERATURE RANGE	-0°C TO +70°C
MECHANICAL PROPERTIES	
FIBER COUNT	4 Tx X 4 Rx
CABLE MIN. BEND RADIUS	50 mm SHORT TERM 32 mm LONG TERM

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).

TABLE 1

FIBER TYPE	OVERFILLED LAUNCH BANDWIDTH, MIN. (MHz-km)		1 GIGABIT ETHERNET LINK DISTANCE, MIN. (m)		10 GIGABIT ETHERNET LINK DISTANCE, MIN. (m)	
	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm
STANDARD BANDWIDTH	500	500	600	600	86	---
HIGH BANDWIDTH	1500	500	900	550	300	---

ENTER DESCRIPTION EC NO: MF2012-0147 DRINKPEVZNER 2011/09/12 CHKD: IGUMIN 2011/09/14 APPR: IGUMIN	DESCRIPTION QUALITY SYMBOLS $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>\pm ---</td> <td>\pm ---</td> </tr> <tr> <td>3 PLACES</td> <td>\pm ---</td> <td>\pm ---</td> </tr> <tr> <td>2 PLACES</td> <td>\pm ---</td> <td>\pm ---</td> </tr> <tr> <td>1 PLACE</td> <td>\pm ---</td> <td>\pm ---</td> </tr> </tbody> </table>			mm	INCH	4 PLACES	\pm ---	\pm ---	3 PLACES	\pm ---	\pm ---	2 PLACES	\pm ---	\pm ---	1 PLACE	\pm ---	\pm ---	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
			mm	INCH																		
		4 PLACES	\pm ---	\pm ---																		
		3 PLACES	\pm ---	\pm ---																		
2 PLACES	\pm ---	\pm ---																				
1 PLACE	\pm ---	\pm ---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY J.SZEWCZYK	DATE 2007/04/11	TITLE MOLEX QSFP OPTICAL BREAK-OUT CABLE ASSEMBLY																		
APPROVED BY I.GUMIN		DATE 2007/04/11		MOLEX INCORPORATED																		
SIZE C		SEE TABLE		DOCUMENT NO. SD-106283-5YYY	SHEET NO. 1 OF 1																	

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