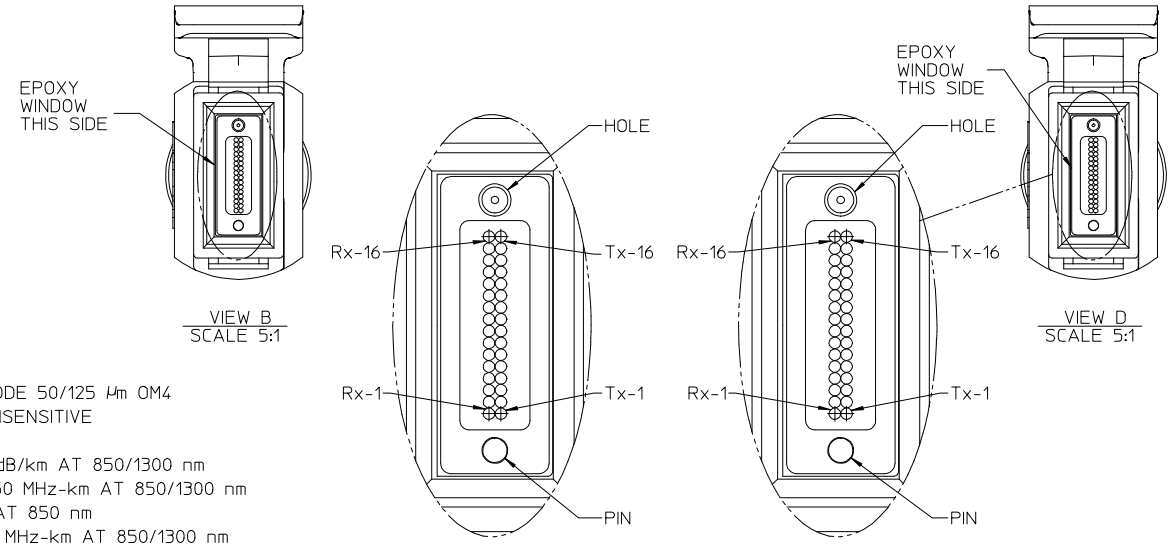
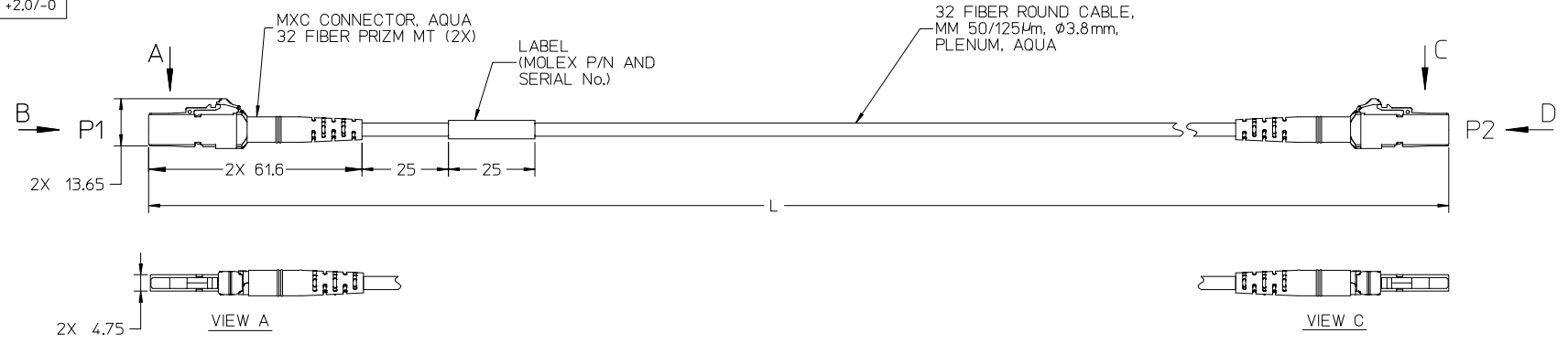


MXC CABLE ASSY P/N	OVERALL LENGTH L (m)
106210-1001	1.0 +0.2/-0
106210-1003	3.0 +0.2/-0
106210-1005	5.0 +0.2/-0
106210-1010	10.0 +0.3/-0
106210-1015	15.0 +0.3/-0
106210-1020	20.0 +0.4/-0
106210-1050	50.0 +1.0/-0
106210-1100	100.0 +2.0/-0

CONNECTIONS	
P1	P2
Rx-1 THRU Rx-16	Tx-1 THRU Tx-16
Tx-1 THRU Tx-16	Rx-1 THRU Rx-16



NOTES:

CABLE ASSEMBLY SPECIFICATIONS:

OPTICAL PROPERTIES

FIBER TYPE

CONNECTOR INSERTION LOSS (MAX.)

CABLE ATTENUATION (MAX.)

OVERFILLED LAUNCH BANDWIDTH, MIN.

10 GbE LINK DISTANCE, MIN.

40 & 100 GbE LINK DISTANCE, MIN.

EFFECTIVE MODAL 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

COMPRESSIVE FORCE

MULTIMODE 50/125 µm OM4

BEND-INSENSITIVE

1.2 dB

3.0/1.2 dB/km AT 850/1300 nm

3500/550 MHz-km AT 850/1300 nm

550 m AT 850 nm

150/150 MHz-km AT 850/1300 nm

4700 MHz-km

UL94 V-0

PLENUM OFNP (NFPA 262/UL 910)

0°C TO +60°C

32F = 16 Rx / 16 Tx

57 mm

20 mm

12.5 mm

>3.5 N/mm

ENTER DESCRIPTION EC NO: MF2016-0517 DRWN: IGUMIN 2016/04/12 CHKD: IGUMIN APPR: IGUMIN 2016/04/20	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 ± --- ± ---	mm INCH	DRAWN BY IGUMIN	DATE 2014/02/26	TITLE MOLEX MXC OPTICAL CABLE ASSEMBLY		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY IGUMIN	DATE 2014/03/12	molex		
		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-106210-1001		SHEET NO. 1 OF 1		

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