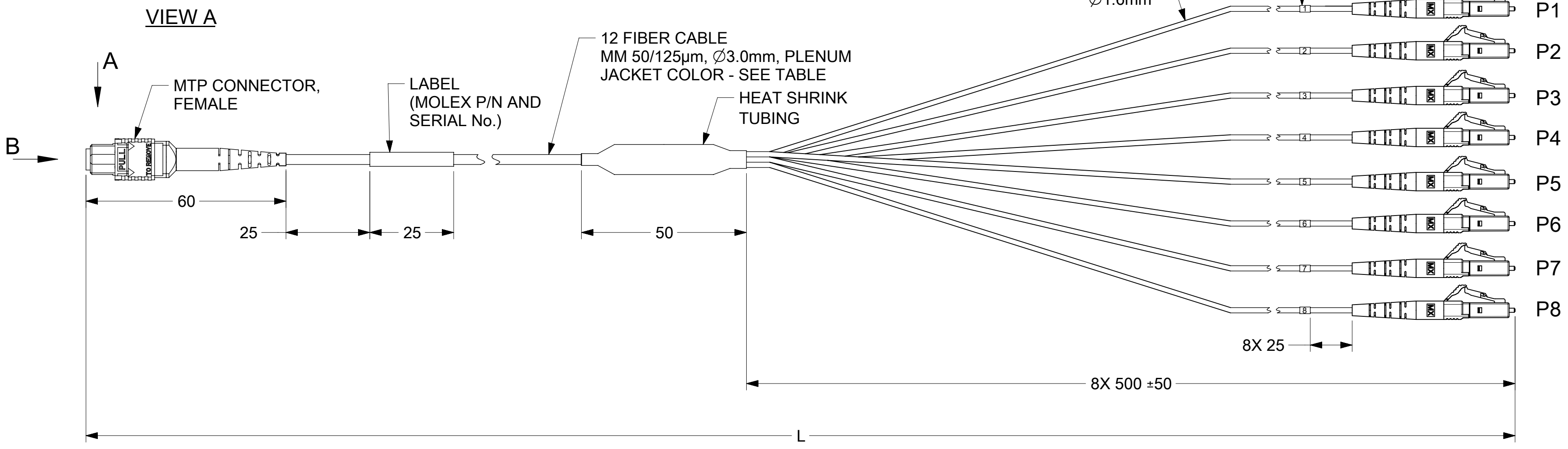
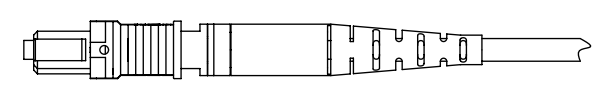
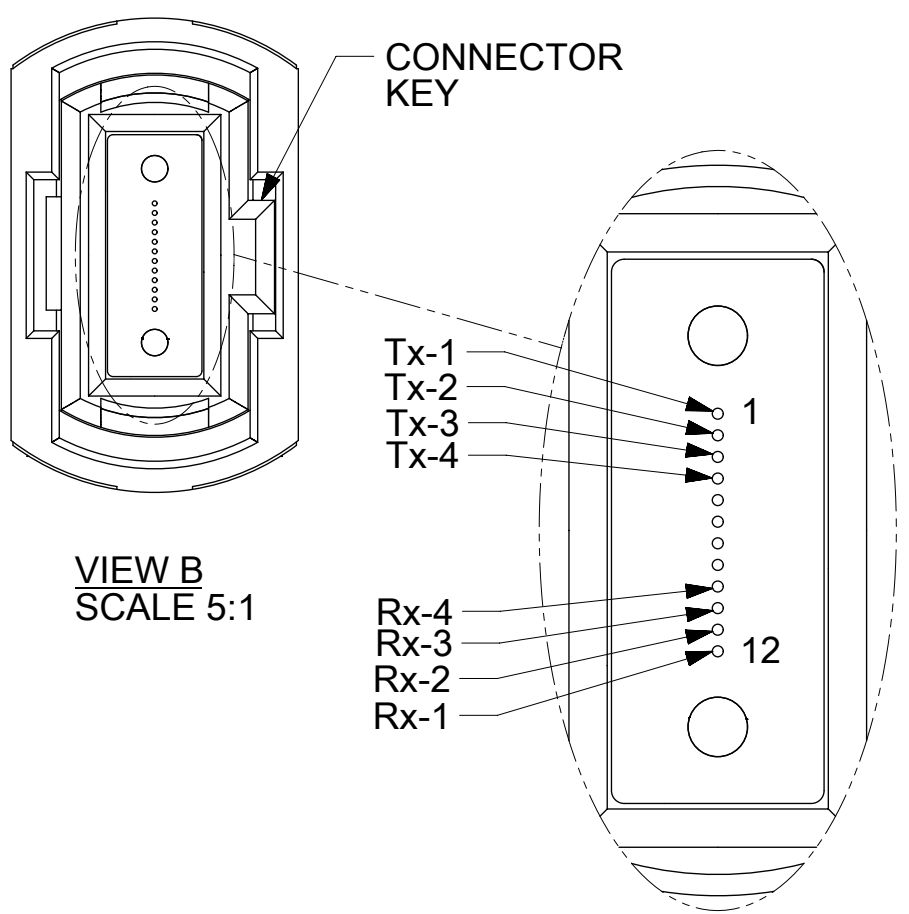


ASSEMBLY P/N		OVERALL LENGTH L (m)
STANDARD BANDWIDTH (OM2 FIBER) ORANGE CBL	HIGH BANDWIDTH (OM3 FIBER) AQUA CABLE	
1062835201	1062835301	1.0 +0.2/-0
1062835202	1062835302	3.0 +0.2/-0
1062835203	1062835303	5.0 +0.20/-0
1062835204	1062835304	10.0 +0.3/-0
1062835205	1062835305	15.0 +0.3/-0
1062835210	TBD	7.0 +0.2/-0

OPTICAL CONNECTION		
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



NOTE:

CABLE ASSEMBLY SPECIFICATIONS:

OPTICAL PROPERTIES	
FIBER TYPE	MULTIMODE 50/125 μm BEND-INSENSITIVE
CONNECTOR INSERTION LOSS MTP/LC (MAX.)	0.5/0.35 dB
CABLE ATTENUATION (MAX.)	3.5/1.2 dB/km AT 850/1300 nm
OVERFILLED LAUNCH BANDWIDTH, MIN.	SEE TABLE 1
ENVIRONMENTAL PROPERTIES	
CONNECTOR MATERIALS	UL94 V-0
CABLE FLAMMABILITY RATING	PLENUM OFNP (NFPA262/UL 910)
OPERATING TEMPERATURE RANGE	-20°C TO +70°C
MECHANICAL PROPERTIES	
FIBER COUNT	4 Tx X 4 Rx
CABLE MIN. BEND RADIUS	
SHORT TERM	45mm
LONG TERM	20mm
NO LOAD	10mm

TABLE 1

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex			
mm	1:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 726176		MOLEX QSFP OPTICAL BREAK-OUT CABLE ASSEMBLY			
ANGULAR TOL	± 0.5°	DRWN: IGUMIN 2020/01/20					
4 PLACES	±	CHK'D: RWHEELER 2022/10/26		PRODUCT CUSTOMER DRAWING			
3 PLACES	±	APPR: RWHEELER 2022/10/26					
2 PLACES	±	INITIAL REVISION:		DOCUMENT NUMBER			
1 PLACE	±	DRWN: JSZEWCZYK 2007/04/18					SD-106283-5YYY
0 PLACES	±	APPR: IGUMIN 2007/04/18		DOC TYPE DOC PART REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING				SERIES
			C-SIZE	106283	SEE TABLE		1 OF 1