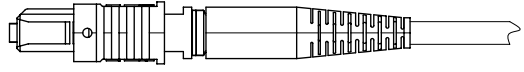
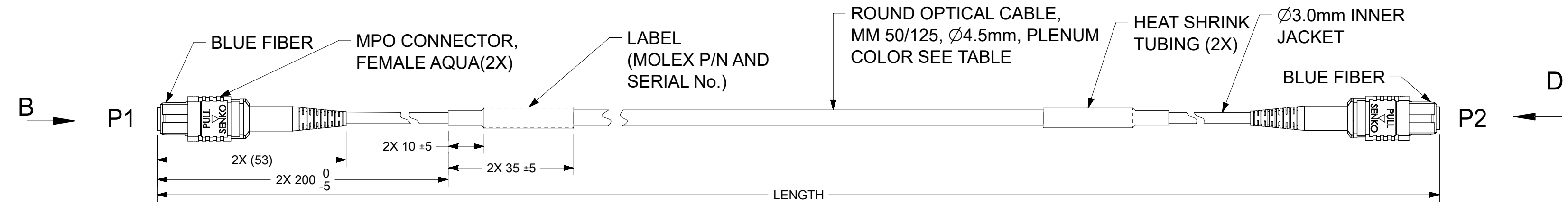
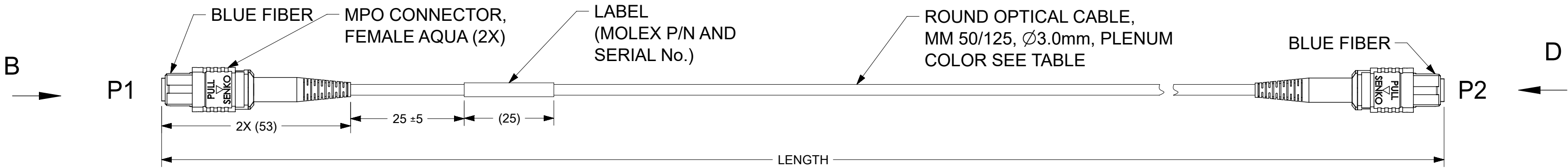
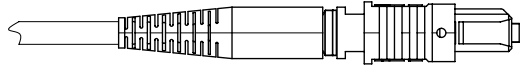


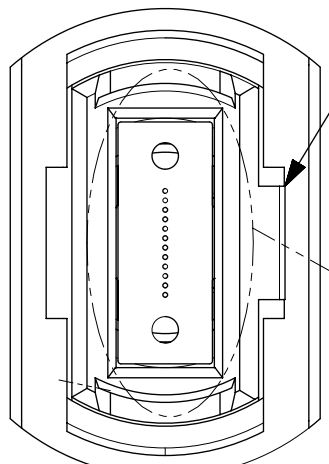
QSFP CABLE ASSEMBLY PART NUMBER			OVERALL LENGTH L (m)	CABLE DIA (mm)	CABLE TYPE
STANDARD BANDWIDTH (OM2 FIBER) (ORANGE CABLE)	HIGH BANDWIDTH (OM3 FIBER) (AQUA CABLE)	HIGH BANDWIDTH (OM4 FIBER) (AQUA CABLE)			
885366101	885366201	885366301	1.0 +0.2/-0	3.0	12 FIBER ROUND CABLE, SINGLE JACKET
885366103	885366203	885366303	3.0 +0.2/-0		
885366105	885366205	885366305	5.0 +0.2/-0		
885366110	885366210	885366310	10.0 +0.3/-0		
885366115	885366215	885366315	15.0 +0.3/-0		
885366120	885366220	885366320	20.0 +0.4/-0	4.5	12 FIBER ROUND CABLE, DUAL JACKET
885366130	885366230	885366330	30.0 +0.6/-0		
885366140	885366240	885366340	40.0 +0.8/-0		
885366150	885366250	885366350	50.0 +1.0/-0		
885366160	885366260	885366360	60.0 +1.2/-0		
885366170	885366270	885366370	70.0+1.5/-0		
885366180	885366280	885366380	80.0 +1.6/-0		
885366199	885366299	885366399	100.0 +2.0/-0		



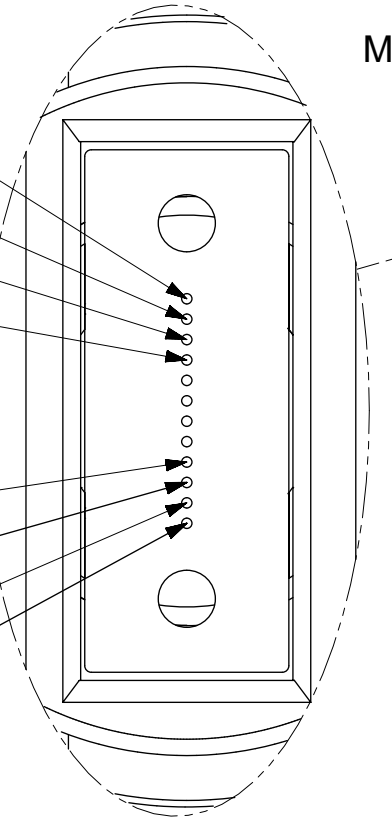
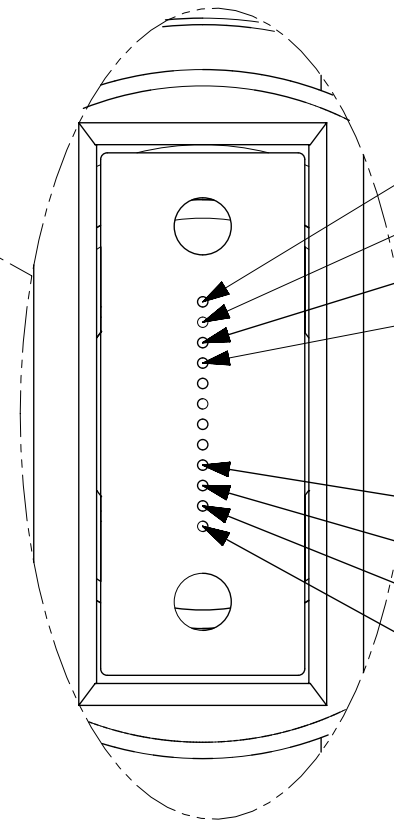
VIEW A



VIEW C



VIEW B
SCALE 5:1



VIEW D
SCALE 5:1

NOTES:

1. CABLE ASSEMBLY SPECIFICATIONS:

OPTICAL PROPERTIES	MULTIMODE 50/125 µm BEND-INSENSITIVE
FIBER TYPE	1.0 dB
CONNECTOR INSERTION LOSS MPO(MAX.)	3.5/1.2 dB/km AT 850/1300 nm for OM2
CABLE ATTENUATION (MAX.)	3.0/1.2 dB/km AT 850/1300 nm for OM3
	3.0/1.0 dB/km AT 850/1300 nm for OM4
	SEE TABLE 1
OVERFILLED LAUNCH BANDWIDTH, MIN.	
ENVIRONMENTAL PROPERTIES	UL94 V-0
CONNECTOR MATERIALS	PLENUM OFNP
CABLE FLAMMABILITY RATING	-20°C TO +70°C
OPERATING TEMPERATURE RANGE	
MECHANICAL PROPERTIES	
FIBER COUNT	4 Tx X 4 Rx

2. ENDCAPS ARE NOT SHOWN BUT INLCUED.

3. CABLE CONSTRUCTION:

- L < 25 meters - SINGLE JACKET CABLE
- L ≥ 25 meters - RUGGEDIZED CENTRAL TUBE CABLE

4. INSERTION LOSS TEST DATA IS PROVIDED WITH EACH SHIPMENT.

5. PACKAGING:

- L < 50 meters - INDIVIDUALLY COILED AND BAGGED
- L ≥ 50 meters - SHIPPED ON SPOOLS

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	850 nm
STANDARD BANDWIDTH (OM2)	500	500	600	---	82	---	---
HIGH BANDWIDTH (OM3)	1500	500	1000	---	300	---	2000
HIGH BANDWIDTH (OM4)	3500	550	1040	---	550	---	4700

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
F A = 0 F C = 0 F P = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex					
		mm		NTS											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 661442 DRWN: JHUANG18 2021/04/23				MOLEX MPO QSFP MM JUMPER CABLE ASSEMBLY					
		ANGULAR TOL ± °													
		4 PLACES		±		CHK'D: IGUMIN 2021/05/03									
		3 PLACES		±		APPR: IGUMIN 2021/05/03									
		2 PLACES		±		PRODUCT CUSTOMER DRAWING									
		1 PLACE		±											
		0 PLACES		±											
THIRD ANGLE PROJECTION		INITIAL REVISION:				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
		DRWN: JHUANG18 2021/04/23				885366301				PSD		000		A	
APPR: IGUMIN 2021/05/03		DRAFTING		SERIES		MATERIAL NUMBER				CUSTOMER				SHEET NUMBER	
		D-SIZE		88536		SEE TABLE				GENERAL MARKET				1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/03	09:34:12
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