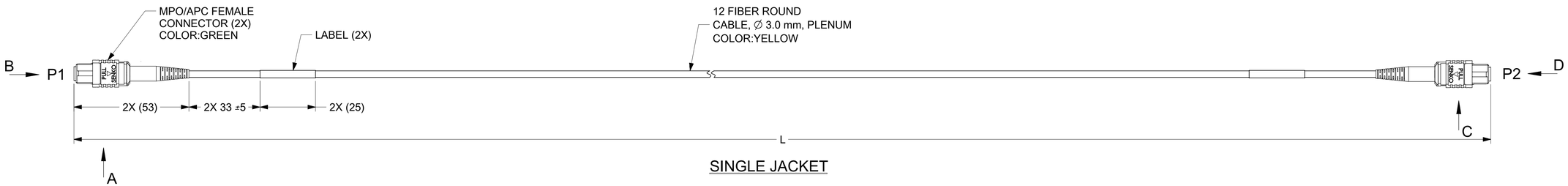
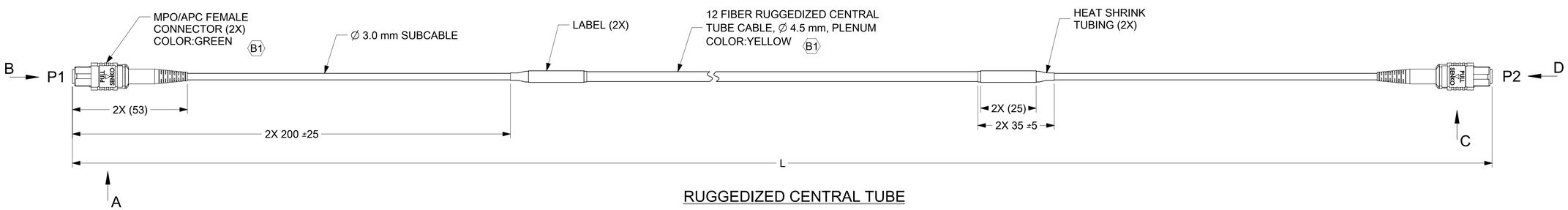
QSFP CABLE ASSY P/N	OVERALL LENGTH, L (m)	CABLE TYPE	FIBER TYPE
885366701	1.0 +0.2 / -0	SINGLE JACKET	SM 9/125 µm OS2 ITU-T G.652.D/G.657.A1 BIF
885366702	2.0 +0.2 / -0		
885366703	3.0 +0.2 / -0		
885366705	5.0 +0.2 / -0		
885366710	10.0 +0.3 / -0		
885366715	15.0 +0.3 / -0		
885366720	20.0 +0.4 / -0		
885366730	30.0 +0.6 / -0	RUGGEDIZED CENTRAL TUBE	
885366740	40.0 +0.8 / -0		
885366750	50.0 +1.0 / -0		
885366760	60.0 +1.2 / -0		
885366770	70.0 +1.4 / -0		
885366780	80.0 +1.6 / -0		
885366799	100.0 +2.0 / -0		

CONNECTIONS	
FROM P1	TO P2
Rx1	Tx1
Rx2	Tx2
Rx3	Tx3
Rx4	Tx4
---	---
---	---
---	---
---	---
Tx4	Rx4
Tx3	Rx3
Tx2	Rx2
Tx1	Rx1

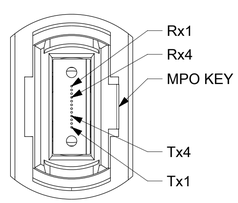


SINGLE JACKET

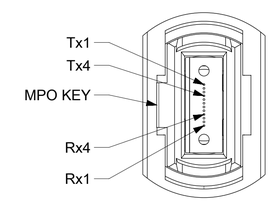


RUGGEDIZED CENTRAL TUBE

VIEW A



VIEW B
SCALE 5:1



VIEW D
SCALE 5:1

VIEW C

NOTES:

1. CABLE ASSEMBLY SPECIFICATIONS:
   OPTICAL PROPERTIES
   - FIBER TYPE: SINGLE MODE ITU-T G.657.A1 BEND-INSENSITIVE
   - CONN. INSERTION LOSS, MAX.: MPO: 0.75 dB AT 1550 nm
   - CONN. RETURN LOSS, MAX.: -50 dB AT 1550 nm
   - CABLE ATTENUATION, MAX.: 0.5 / 0.5 dB/km AT 1310 / 1550 nm

   MECHANICAL PROPERTIES
   - FIBER COUNT: 4 Tx x 4 Rx

   ENVIRONMENTAL PROPERTIES
   - FLAME RESISTANCE, CABLE: PLENUM OFNP
   - CONNECTOR MATERIALS: UL94 V-0
   - OPERATING TEMPERATURE RANGE: -20°C TO +70°C

2. ENDCAPS ARE NOT SHOWN BUT INLCUDED.

3. CABLE LABEL IS PRINTED WITH MOLEX P/N AND SERIAL NUMBER.

   FIBER ID LABELS ARE PRINTED PER CONNECTIONS TABLE.

   THE TEXT ON BOTH LABELS ARE UPWARD DIRECTION WHEN JUMPER IS FROM TOP VIEW.

4. CABLE CONSTRUCTION:
   - L < 25 meters - SINGLE JACKET CABLE
   - L ≥ 25 meters - RUGGEDIZED CENTRAL TUBE CABLE

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

6. PACKAGING:
   - L < 50 meters - INDIVIDUALLY COILED AND BAGGED
   - L ≥ 50 meters - SHIPPED ON SPOOLS

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CORRECT ERROR

EC NO: 793526
DRWN: JHUANG18 2024/07/30
CHK'D: IGUMIN 2024/07/31
APPR: IGUMIN 2024/07/31

INITIAL REVISION:
DRWN: JHUANG18 2021/03/05
APPR: IGUMIN 2021/05/03

molex

MOLEX MPO QSFP SM JUMPER CABLE ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
885366701	PSD	000	B1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	88536	SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/31 18:29:02

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REVISION: J.01
DATE: 2021/05/01