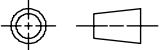


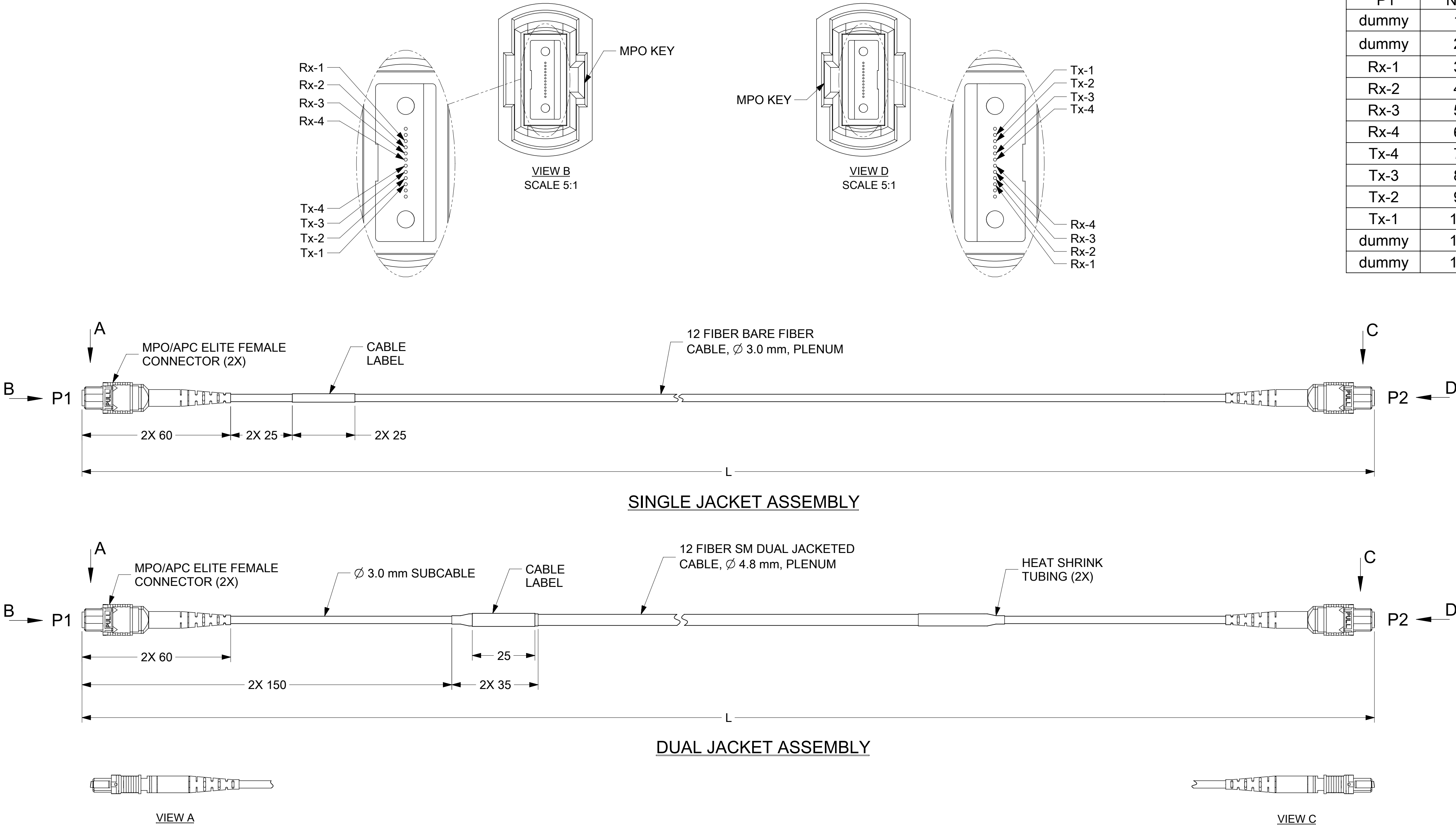
MIGRATED DRAWING

See PDF and DXF file in ORIGINALS
for drawing content

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

EC NO: 804127 DRWN: IGUMIN CHK'D: GGENCHANOK APPR: GGENCHANOK	2024/11/14	2024/11/15	2024/11/15	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®						
				ANGULAR TOL ± °		mm		1:1								
				4 PLACES	±	DRWN BY		DATE		MOLEX QSFP SM OPTICAL CABLE ASSEMBLY						
				3 PLACES	±	IGUMIN		2011/07/12								
				2 PLACES	±	CHK'D BY		DATE								
				1 PLACE	±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING						
				0 PLACES	±	IGUMIN		2011/08/30								
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER		
						B				106283		SEE TABLE				
	D	REV								DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER
									SD-106283-4XXX		PSD		001		1 OF 2	

SINGLE JACKET	DUAL JACKET	OVERALL LENGTH L (m)
CABLE ASSY P/N	CABLE ASSY P/N	
1062834001	1062834501	1.0 +0.2/-0
1062834002	1062834502	2.0 +0.2/-0
1062834003	1062834503	3.0 +0.2/-0
1062834004	1062834504	4.0 +0.2/-0
1062834005	1062834505	5.0 +0.2/-0
1062834006	1062834506	6.0 +0.2/-0
1062834007	1062834507	7.0 +0.2/-0
1062834008	1062834508	8.0 +0.2/-0
1062834009	1062834509	9.0 +0.2/-0
1062834010	1062834510	10.0 +0.3/-0
1062834011	1062834511	15.0 +0.3/-0
1062834012	1062834512	20.0 +0.4/-0
1062834013	1062834513	25.0 +0.5/-0
1062834014	1062834514	30.0 +0.6/-0
1062834015	1062834515	35.0 +0.7/-0
1062834016	1062834516	40.0 +0.8/-0
1062834017	1062834517	45.0 +0.9/-0
1062834018	1062834518	50.0 +1.0/-0
1062834019	1062834519	55.0 +1.1/-0
1062834020	1062834520	60.0 +1.2/-0
1062834021	1062834521	65.0 +1.3/-0
1062834022	1062834522	70.0 +1.4/-0
1062834023	1062834523	75.0 +1.5/-0
1062834024	1062834524	80.0 +1.6/-0
1062834025	1062834525	85.0 +1.7/-0
1062834026	1062834526	90.0 +1.8/-0
1062834027	1062834527	95.0 +1.9/-0
1062834028	1062834528	100.0 +2.0/-0



OPTICAL CONNECTION			
FROM P1	FIBER No.	TO P2	FIBER No.
dummy	1	dummy	12
dummy	2	dummy	11
Rx-1	3	Tx-1	10
Rx-2	4	Tx-2	9
Rx-3	5	Tx-3	8
Rx-4	6	Tx-4	7
Tx-4	7	Rx-4	6
Tx-3	8	Rx-3	5
Tx-2	9	Rx-2	4
Tx-1	10	Rx-1	3
dummy	11	dummy	2
dummy	12	dummy	1

NOTES:

1. CABLE ASSEMBLY SPECIFICATIONS:

OPTICAL PROPERTIES

FIBER TYPE
CONNECTOR INSERTION LOSS (MAX.)
CONNECTOR RETURN LOSS (MAX.)
CABLE ATTENUATION (MAX.)

SM ITU-T G.675.A1 BEND-INSENSITIVE
0.35 dB AT 1310/1550 nm
-50 dB AT 1310/1550 nm
0.5/0.5 dB/km AT 1310/1550 nm

ENVIRONMENTAL PROPERTIES

CONNECTOR MATERIALS
CABLE FLAMMABILITY RATING
OPERATING TEMPERATURE RANGE

UL94 V-0
OFNP (NFPA262/UL 910)
-0°C TO +70°C

MECHANICAL PROPERTIES

FIBER COUNT
CABLE MIN. BEND RADIUS
SHORT TERM
LONG TERM

4 Tx X 4 Rx
45mm
20mm

2. CABLE LABEL IS PRINTED WITH MOLEX PN AND SERIAL NUMBER.

DOCUMENT STATUS	P1	RELEASE DATE	2024/11/15	22:30:13
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DIMENSION UNITS	SCALE	CURRENT REV DESC:	
mm	1:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL	± °		
4 PLACES	±		
3 PLACES	±		
2 PLACES	±		
1 PLACE	±		
0 PLACES	±		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			D-SIZE

EC NO: 804127			
DRWN: IGUMIN	2024/11/14		
CHK'D: GGENCHANOK	2024/11/15		
APPR: GGENCHANOK	2024/11/15		
INITIAL REVISION:			
DRWN: IGUMIN	2011/07/12		
APPR: IGUMIN	2011/08/30		

SERIES	106283
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MOLEX QSFP SM OPTICAL CABLE ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-106283-4XXX	PSD	001	D

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE		2 OF 2