
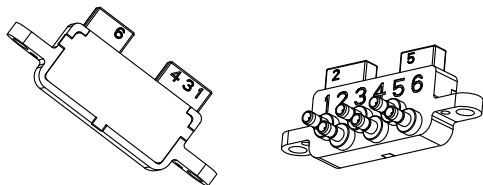
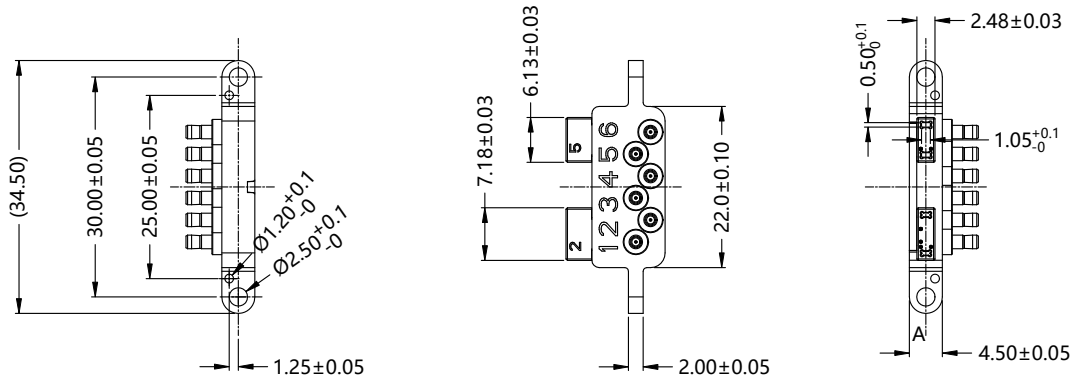
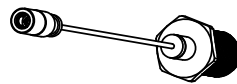
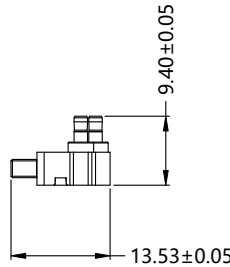


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	Flame	2021-08-18	
1	Add material description	N/A	Flame	2021-08-27	



REFERENCE 3D VIEW



REFERENCE 3D VIEW

USE WITH SMA FEMALE TO ML51 FEMALE CABLE
 P/N(SLK):T-MAFSMLFS453-060001
 LENGTH: 600mm QTY: 6 (PCS)

MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	GOLD 5 u"/NICKEL/COPPER
INSULATOR	PTFE MIL-P-19468	N/A
CONTACT PIN	BERYLLIUM COPPER	GOLD 30 u"/NICKEL/COPPER
OUT CONTACT	BERYLLIUM COPPER	GOLD 10 u"/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	170 V(rms)
FREQUENCY RANGE	0 ~ 12 GHz
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
CONTACT RESISTANCE	CENTER CONTACT < 10.0 mΩ
	OUTER CONTACT < 5.0mΩ
INSULATION RESISTANCE	> 500 MΩ
INSERTION LOSS	< 1.0 dB @ 0~12GHz
VSWR	< 1.5 @ DC~6 GHz
	< 1.8 @ 6~12 GHz

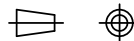
MECHANICAL CHARACTERISTICS	
DURABILITY(ML51)	> 500cycles
DURABILITY(MTP)	> 10000cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +125 °C

* CUSTOMER OUTLINE DRAWING

UNLESS OTHERWISE SPECIFIED:
 1) EDGES : C0.15 MAX ;
 2) REMOVE ALL BURRS ;
 3) SURFACE ROUGHNESS : Ra1.6 ;
 4) UNITS : mm ;
 5) DIMENSIONS TOLERANCES
 DECIMALS : .x ± 0.3 .xx ± 0.2 .xxx ± 0.1 ;
 ANGLES : ± 5°.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

1 : 1

DRAWING :

Flame

DATE : 2021-08-18

PAGE : 1/1



TITLE : MTP FEMALE R/A TO ML51 MALE ADAPTER(Six-channel)

DRAWING NO. : T-5MLM06R-MTF-003

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING