

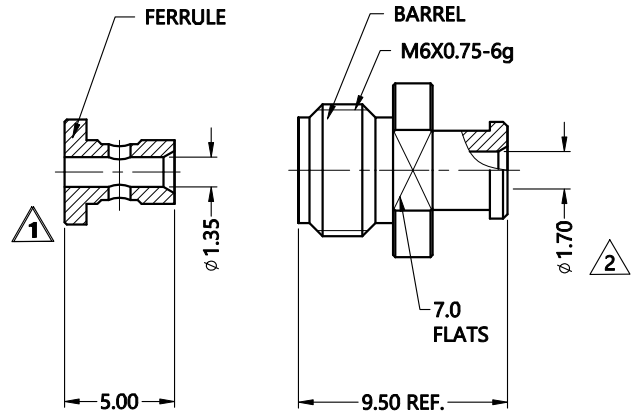
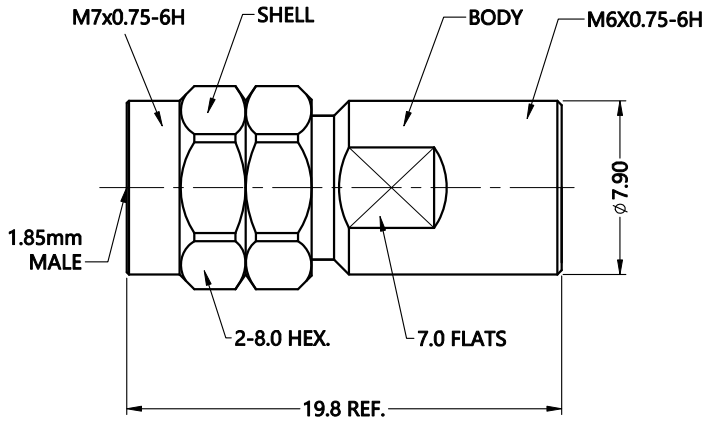
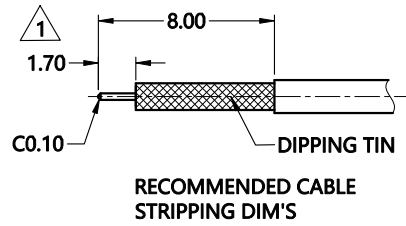
REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	HRWEI	2020-11-10
1	UPDATE THE FERRULE	N/A	HRWEI	2020-11-11
2	UPDATE THE SIZE	N/A	HRWEI	2022-08-18



ALL PARTS MUST MEET TO RoHS REQUIREMENTS

REMARKS:

- CONTACT PIN TO CAPTIVE
- FERRULE TO SOLDER
- ADDS SIZE:13.1 mm



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY/SHELL	STAINLESS STEEL	PASSIVATION
CONTACT PIN	Be-Cu C17300	GOLD 50 u*/COPPER
INSULATOR	PEI	N/A
FERRULE	BRASS C3604	GOLD 10 u*/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	175 V(rms)
FREQUENCY RANGE	0 ~ 70 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>500 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	< 0.1X√F(GHz) dB
VSWR	<1.30 (DC~67 GHz)
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	> 4.0 lbs
RECOMMENDED COUPLING TORQUE	7.0-8.9 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
DURABILITY	>500 cycles

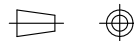
ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C~+85 °C
CORROSION	US-MIL- STD 202, METH. 101,COND. B
VIBRATION	US-MIL- STD 202, METH. 204,COND. D
SHOCK	US-MIL- STD 202, METH. 213,COND. I
RELATIVE HUMIDITY	MIL-STD-202,METHOD 106

* CUSTOMER OUTLINE DRAWING

UNLESS OTHERWISE SPECIFIED:

- EDGES : C0.15 MAX ;
- REMOVE ALL BURRS ;
- SURFACE ROUGHNESS : Ra1.6 ;
- UNITS : mm ;
- DIMENSIONS TOLERANCES
DECIMALS : .x ±0.3 .xx ±0.2 .xxx±0.1;
ANGLES : ± 5°.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

3: 1

DRAWING :

DATE : 2022-08-18

PAGE : 1/1



TITLE : 1.85mm MALE S/T SOLDER FOR PT-Flex047 CABLE,50Ω

DRAWING NO. : 5P1M15S-A420-002

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING