

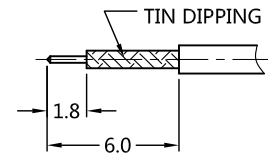
REV.	DESCRIPTION	ECN NO.	NAME	DATE
1	NEW FRAME	N/A	LDH	2020-8-31



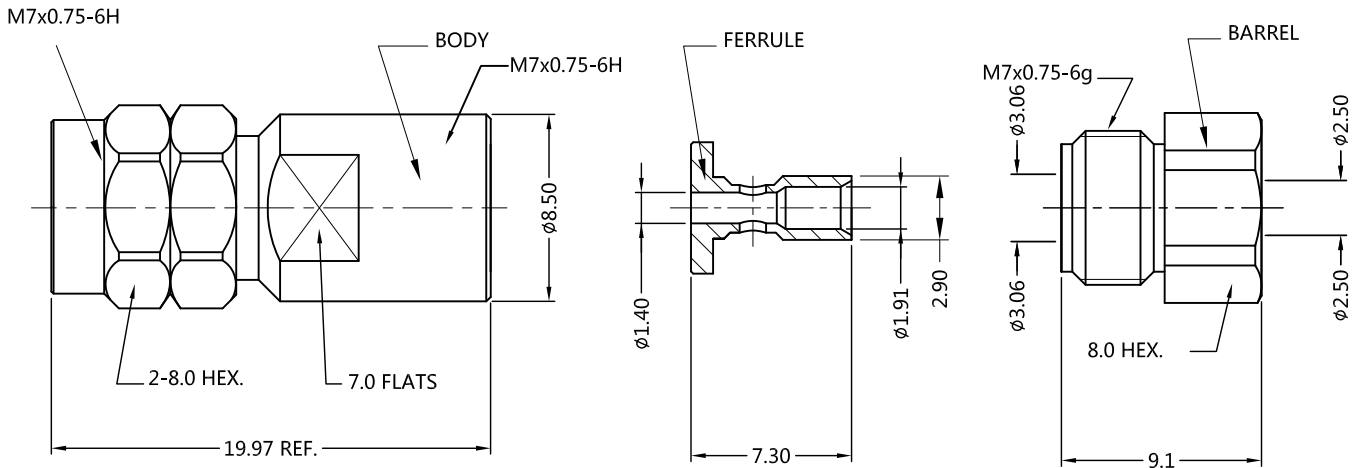
ALL PARTS MUST MEET TO RoHS REQUIREMENTS

REMARKS:

- CONTACT PIN TO CAPTIVE
- FERRULE TO SOLDER



RECOMMENDED CABLE STRIPPING DIM'S



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

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	335 V(rms)
FREQUENCY RANGE	0 ~ 67 GHz
DIELECTRIC WITHSTANDING VOLTAGE	500 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	ACCORDING TO THE CABLE
VSWR	<1.3
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	10 lbs MIN
RECOMMENDED COUPLING TORQUE	7-10 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
DURABILITY	>500 cycles

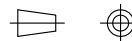
ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-55 °C~+125 °C
CORROSION	US-MIL- STD 202, METH. 101,COND. B
VIBRATION	US-MIL- STD 202, METH. 204,COND. D
SHOCK	US-MIL- STD 202, METH. 213,COND. I
RELATIVE HUMIDITY	MIL-STD-202,METHOD 106

* 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 :

DRAWING :

LDH

DATE : 2020-8-31

PAGE : 1/1



TITLE : 1.85mm FEMALE S/T FOR P-Flex047 CABLE,50Ω

DRAWING NO. : 5P1M15S-A420

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING