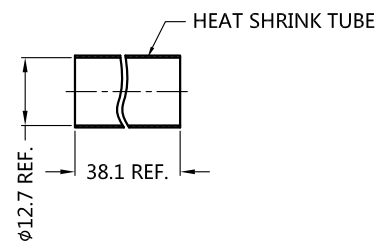
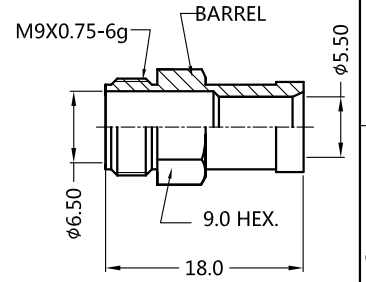
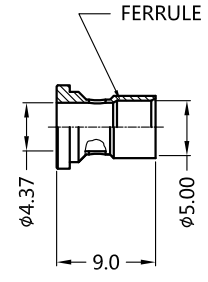
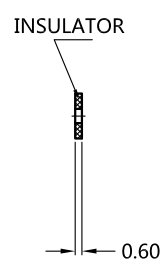
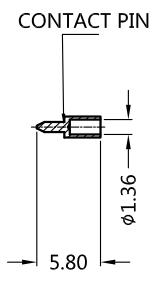
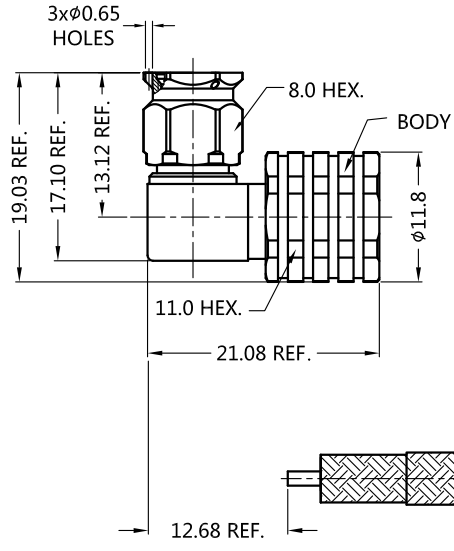
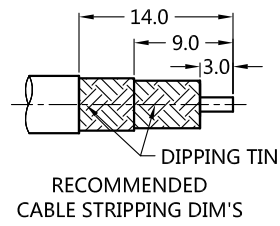


REV.	DESCRIPTION	ECN NO.	NAME	DATE
7	ADD HEAT SHRINK TUBE	N/A	ZLX	2018-08-23
8	NEW FRAME	N/A	JING	2020-07-13



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	ALBALOY 80 u"/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	Be-Cu	GOLD 50 u"/COPPER
SHELL/BARREL	STAINLESS STEEL	PASSIVATION

ELECTRICAL CHARACTERISTICS		
IMPEDANCE	50 Ω	
VOLTAGE RATING	N/A	
FREQUENCY RANGE	0 ~ 18 GHz	
DIELECTRIC WITHSTANDING VOLTAGE	>500 V	
CONTACT RESISTANCE	CENTER CONTACT	<3.0 mΩ
	OUTER CONTACT	<2.0 mΩ
INSULATION RESISTANCE	>5000 MΩ	
INSERTION LOSS	N/A	
RF-LEAKAGE	N/A	
VSWR	<1.35	
3RD INTERMODULATION	N/A	

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	>6 lbs
RECOMMENDED COUPLING TORQUE	7-10 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +125 °C
THERMAL SHOCK	MIL- STD 202, Meth. 107, Cond. B
VIBRATION	MIL- STD 202, Meth. 204, Cond. D
SHOCK	MIL- STD 202, Meth. 213, Cond. I

**\* 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 : 3 : 2
DRAWING : JING	DATE : 2020-07-13
	PAGE : 1/1

TITLE : SMA MALE R/A SOLDER FOR SFT-205 CABLE, 50Ω  
 DRAWING NO. : 5MAM15R-A207  
 COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING