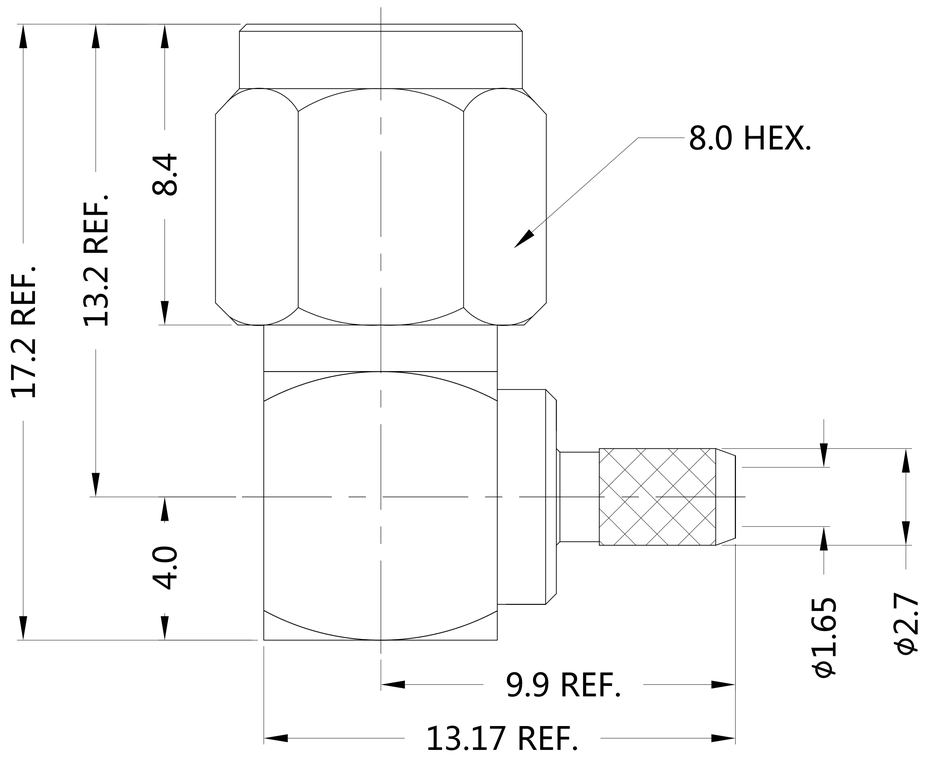
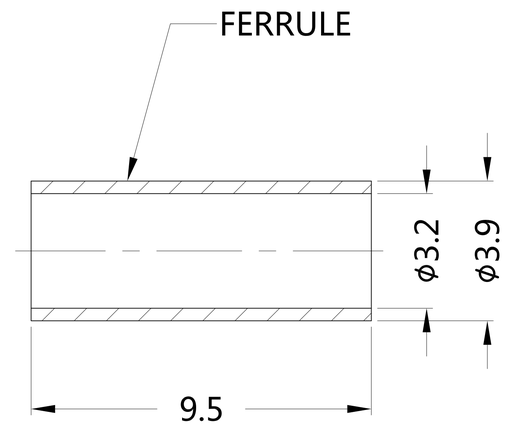
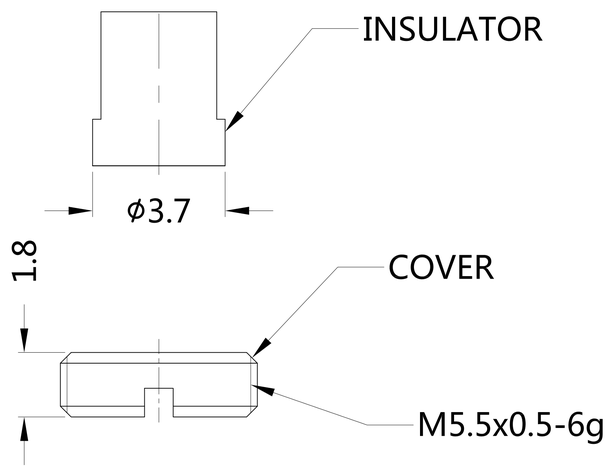
REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	JASON	2020-08-11

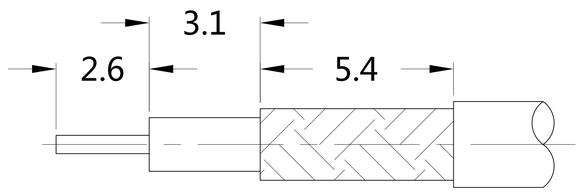
ALL PARTS MUST MEET TO RoHS REQUIREMENTS



REMARKS:
1.CONTACT PIN TO SOLDER.
2.CRIMP FERRULE FOR .130" HEX.







RECOMMENDED CABLE STRIPPING DIM'S

MATERIALS AND PLATING UNIT: MICRO-INCHES

PART NAME	MATERIALS	PLATING
BODY/SHELL	BRASS C3604	GOLD 3 u"/NICKEL/COPPER
CONTACT PIN	BRASS C3604	GOLD 10 u"/NICKEL/COPPER
INSULATOR	TEFLON MIL-P-19468	N/A
COVER	BRASS C3604	GOLD 3 u"/NICKEL/COPPER
FERRULE	BRASS	GOLD 3 u"/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS

IMPEDANCE		50 Ω
VOLTAGE RATING		335 V(rms)
FREQUENCY RANGE		DC ~ 12.4 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
VSWR		<1.25 @DC~3 GHz

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 ℃ ~ +125 ℃

* 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 : JASON	DATE : 2020-08-11
	PAGE : 1/1

SUPERLINK

TITLE : SMA MALE R/A CRIMP FOR RG316U CABLE, 50Ω

DRAWING NO. : 5MAM11R-A02-037

COMPANY WEBSITE : www.slkcorp.com