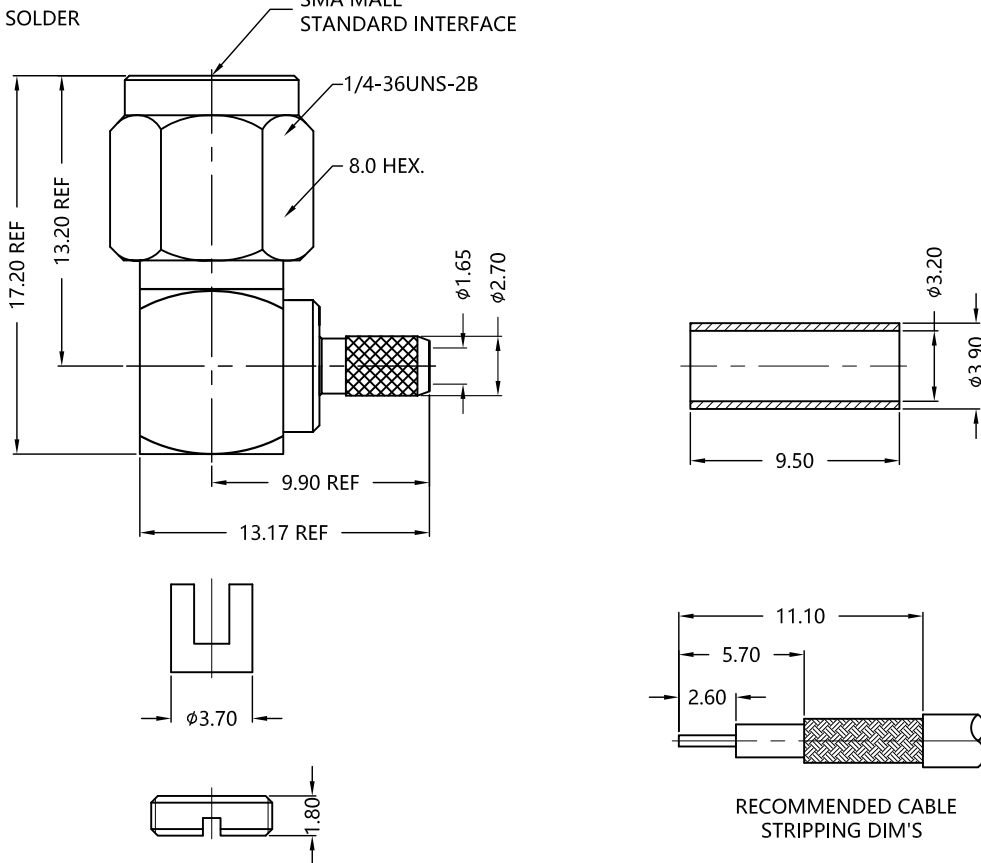


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	PY	2020-06-20



ALL PARTS MUST MEET TO RoHS REQUIREMENTS

1. CRIMPED FERRULE HEX. THE CRIMPED SIZE .130"
2. CONTACT PIN TO SOLDER



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	GOLD 3 u" MIN /NICKEL/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	BRASS C3604	GOLD 10 u" MIN /NICKEL/COPPER
GASKET	SILICONE	RED
SHELL	BRASS C3604	GOLD 3 u" MIN /NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	175V(rms)
FREQUENCY RANGE	0 ~ 12.4 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>500 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	N/A
VSWR	<1.25@0~3 GHz
3RD INTERMODULATION	N/A

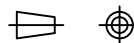
MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	>6 lbs
RECOMMENDED COUPLING TORQUE	7~10 in.lbs
COUPLING NUT RETENTION FORCE	>60 lbs
DURABILITY	>500cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-55 °C~+125 °C
THERMAL SHOCK	MIL- STD 202, Meth. 107,Cond. B
Vibration	MIL-STD-202,Method 204,Cond D
Shock	MIL-STD-202,Method 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 :

1 : 1

DRAWING :

DATE : 2020-06-20

PAGE : 1/1



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

DRAWING NO. : 5MAM11R-A02-027

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING