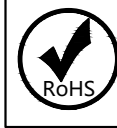
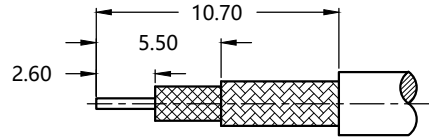


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	SYH	2021-01-30



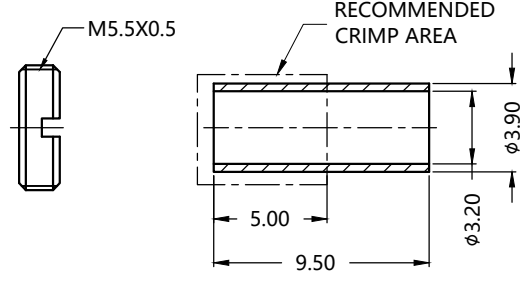
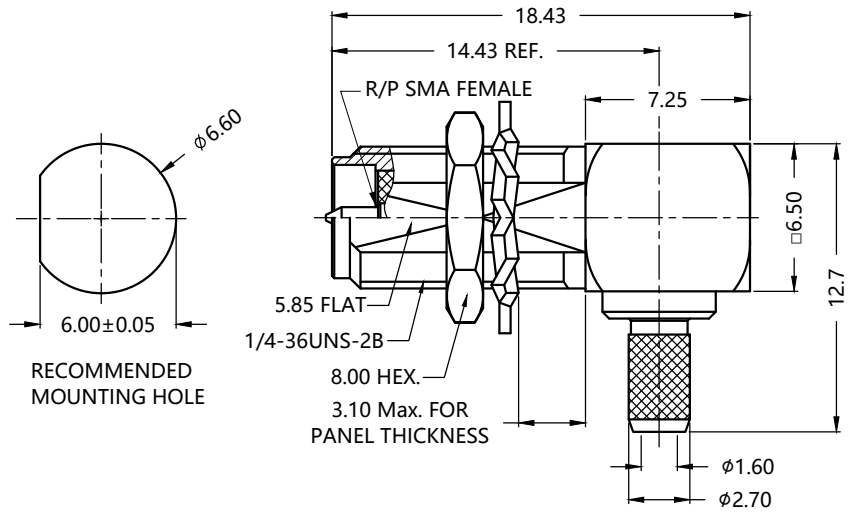
ALL PARTS MUST MEET TO RoHS REQUIREMENTS

1. CRIMPED FERRULE ,CRIMP SIZE 3.25mm(.128") HEX.
2. CONTACT PIN TO SOLDER



RECOMMENDED CABLE STRIPPING DIM'S

*ATTENTION: Remove the AL tape when you are assembling LMR-100A cable



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	GOLD 2u"/NICKEL/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	BRASS C3604	GOLD 5u"/NICKEL/COPPER
COVER	BRASS C3604	GOLD 2u"/NICKEL/COPPER
FERRULE	BRASS	GOLD 1.5u"/NICKEL/COPPER
NUT	BRASS C3604	GOLD 1.5u"/NICKEL/COPPER
WASHER	BRASS	GOLD 1.5u"/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	175 V(rms)
FREQUENCY RANGE	DC ~ 6 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	<1.30
3RD INTERMODULATION	N/A

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

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +85 °C

* 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 :
DRAWING :	DATE :
PAGE : 1/1	

TITLE : R/P SMA FEMALE R/A CRIMP FOR RG174/RG316/LMR-100A CABLE, 50Ω
 DRAWING NO. : 5RMAF11R-A02-001
 COMPANY WEBSITE : www.silkcorp.com

CUSTOMER OUTLINE DRAWING