
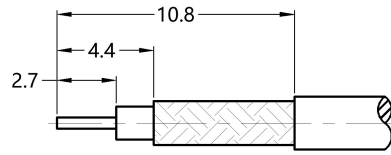
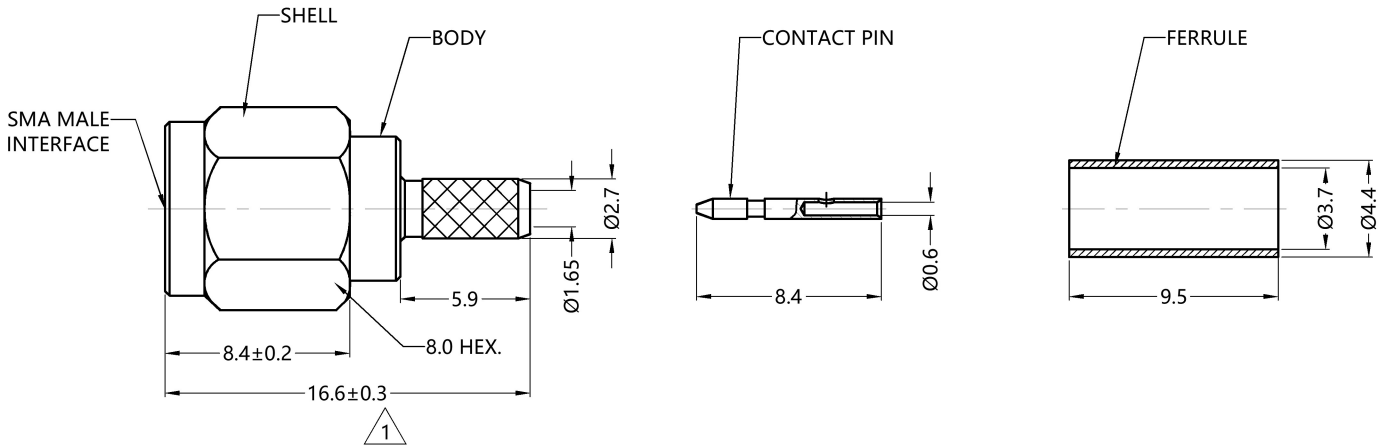


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	HRWEI	2024-05-31	
1	UPDATE DIMENSIONS TOLERANCES	N/A	HRWEI	2024-12-24	

REMARKS:
 1. CONTACT PIN TO SOLDER.
 2. FERRULE CRIMP SIZE .150" HEX.



RECOMMENDED CABLE STRIPPING DIM'S




MATERIALS AND PLATING			ELECTRICAL CHARACTERISTICS	
UNIT: MICRO-INCHES				
PART NAME	MATERIALS	PLATING		
BODY	BRASS C3604	NICKEL 100 u"/COPPER	IMPEDANCE	50 Ω
CONTACT PIN	BRASS C3604	GOLD 15 u"/NICKEL/COPPER	VOLTAGE RATING	335 V(rms)
INSULATOR	PTFE ASTM-D-1710	N/A	FREQUENCY RANGE	DC ~ 6 GHz
FERRULE	BRASS	NICKEL 100 u"/COPPER	DIELECTRIC WITHSTANDING VOLTAGE > 500 V	
SHELL	BRASS C3604	NICKEL 100 u"/COPPER	CONTACT RESISTANCE	CENTER CONTACT < 3.0 mΩ
GASKET	SILICONE	RED		OUTER CONTACT < 2.0 mΩ
			INSULATION RESISTANCE	> 5000 MΩ
			INSERTION LOSS	ACCORDING TO THE CABLE
			VSWR	< 1.30

MECHANICAL CHARACTERISTICS		ENVIRONMENTAL PARAMETER	
FORCE TO ENGAGE AND DISENGAGE	N/A	TEMPERATURE RANGE	-40 °C ~ +125 °C
CENTER CONTACT RETENTION FORCE	N/A	RELATIVE HUMIDITY	MIL- STD-202, Method 106
RECOMMENDED COUPLING TORQUE	7-10 in.lbs	VIBRATION	MIL- STD-202, Method 204, Cond D
COUPLING NUT RETENTION FORCE	> 60 lbs	SHOCK	MIL- STD-202, Method 213, Cond I
DURABILITY	> 500 cycles	CORROSION	MIL- STD-202, Method 101, Cond B

*** 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		 TITLE : SMA MALE S/T CRIMP FOR RG316D CABLE, 50Ω DRAWING NO. : 5MAM11S-A50-022 COMPANY WEBSITE : www.slkcorp.com
APPROVED :	CUSTOMER P/N :	
CHECKED :	SCALE : 3:1	
DRAWING :	DATE : 2024-12-24	
PAGE : 1/1		