

- NOTE:
1. ELECTRICAL CHARACTERISTICS:

1.1 FREQUENCY RANGE:DC~6GHz

1.2 IMPEDANCE:50Ω

1.3 VSWR:1.25 MAX @ 6GHz.

1.4 INSULATION RESISTANCE: 5000MΩ MIN.

1.5 CONTACT RESISTANCE

1.5.1 CENTER CONTACT: 4 mΩ

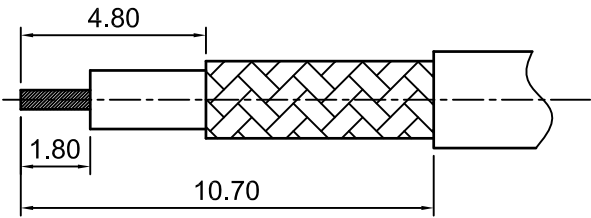
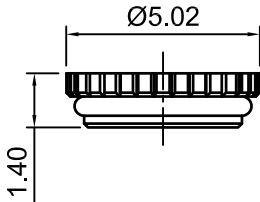
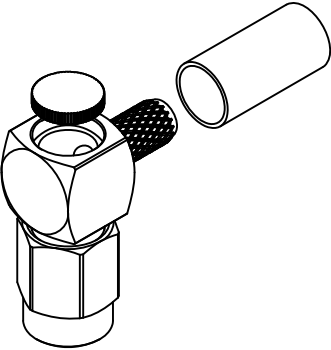
1.5.2 OUTER CONTACT: 2.5 mΩ
2. MECHANICAL CHARACTERISTICS:

2.1 DURABILITY: 500 CYCLES.

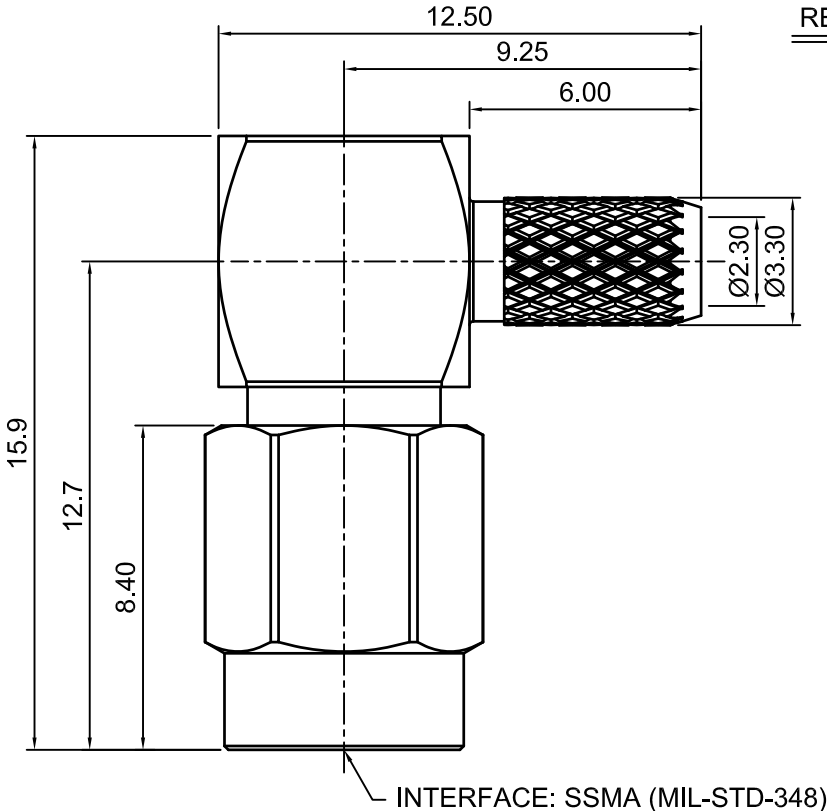
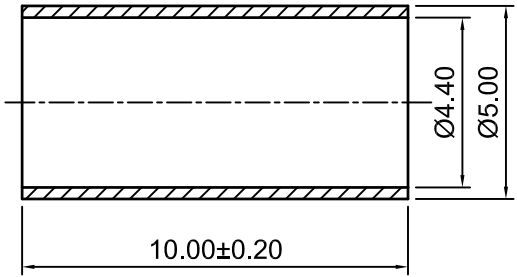
2.2 WATERPROOF: IP68
3. ENVIRONMENTAL CHARACTERISTICS:

3.1 TEMPERATURE RANGE: -65°C~+165°C

3.2 ALL MATERIALS AND PROCESS ARE RoHS COMPLIANT.



RECOMMENDED STRIPPING DIMENSION



INTERFACE: SSMA (MIL-STD-348)

⑧	FERRULE	COPPER ALLOY	NICKEL	1EA
⑦	GASKET	SILICONE RUBBER	NATURE	2EA
⑥	RETAINING RING	BERYLLIUM COPPER	NATURE	1EA
⑤	CENTER CONTACT	BRASS	GOLD	1EA
④	DIELECTRIC	TEFLON	NATURE	1EA
③	COUPLING NUT	BRASS	GOLD	1EA
②	CAP	BRASS	GOLD	1EA
①	BODY	BRASS	GOLD	1EA
ITEM	NAME	MATERIAL	TREATMENT	QTY

Bill Of Material

TOLERANCES UNLESS OTHERWISE SPECIFIED		
ONE PLACE DECIMAL .X		±0.20
TWO PLACE DECIMAL .XX		±0.1
THREE PLACE DECIMAL .XXX		±0.05
HOLE DIA. VARIATION .XX		N/A
ANGULAR DIMENSION		±3°

Signature	
Approved By:	
Checked By:	
Drawn By:	M.YANG

SHINTO ELECTRONICS CO.,LTD
http://www.shinto-electronics.com

Shinto P/N: SAMR10G316-A491	
Description: SSMA plug right angle for coax cable	
Material: See BOM	Treatment: See BOM
Unit: mm	Size: A4
Scale: 5:1	Sheet: 1 of 1