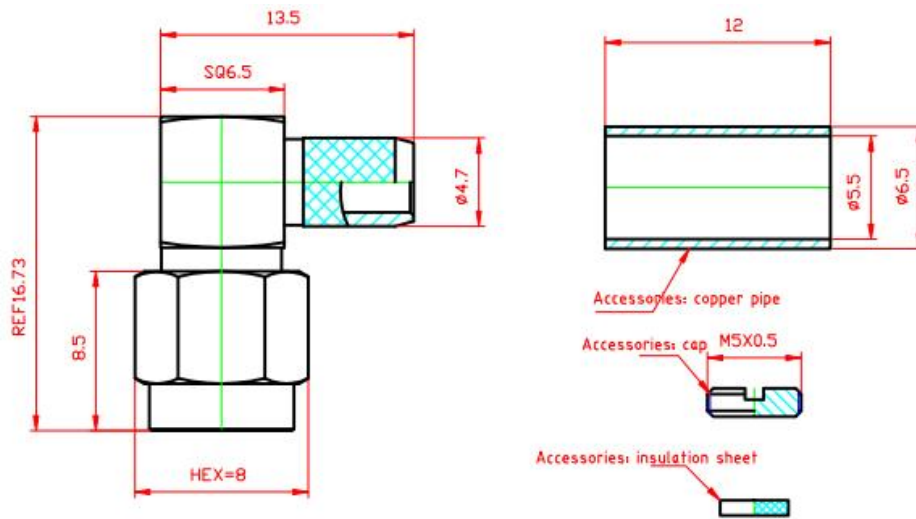




Product Specifications

SMAMRA-KSR195



Dimensions in mm

1 Product Structure

	Designation	Material	Plating
1	Inner Conductor	Brass	Gold- Plated
2	Insulator	PTFE	-
3	Body	Brass	Gold- Plated
4	Gaskets	Silicone Rubber	-
5	Nut	Brass	Gold- Plated

2 General Specifications

Interface	SMA male
Standards	IEC61169、IEC 60169
Body Style	Right Angle
Durability	≥ 500
Cable	KSR195

3 Electrical Specifications

Impedance	50Ω
Operating Frequency Band	DC-3GHz
Insertion Loss, Typical	$\leq 0.05\sqrt{f}$ dB Max
VSRE	≤ 1.25
Dielectric withstanding voltage	1000V
Contact Resistance	
Inner Conductor	$\leq 3.0\text{m}\Omega$
Outer Conductor	$\leq 2.5\text{m}\Omega$
Insulation Resistance	$\geq 5000\text{M}\Omega$

4 Environment Specifications

Operating Temperature	-40°C to +85°C
Corrosion Test Method	IEC 60068-2-52 48h
Damp Heat Resistance Test Method	IEC 61169-1, Sub-clause 9.4.3
Thermal Shock Test Method	IEC 61169-1, Sub-clause 9.4.4
Vibration Test Method	IEC 61169-1, Sub-clause 9.3.3
Mechanical Shock Test Method	IEC 60068-2-27



Product Specifications

5 Marking and Package Requirements

According to the Packaging Specifications or customer's requirements

6 Banned and Restricted Substances

RoHS 2011/65/EU

Compliant by Exemption

7 Document Revision Information

Revision	Description
A0	First revision
