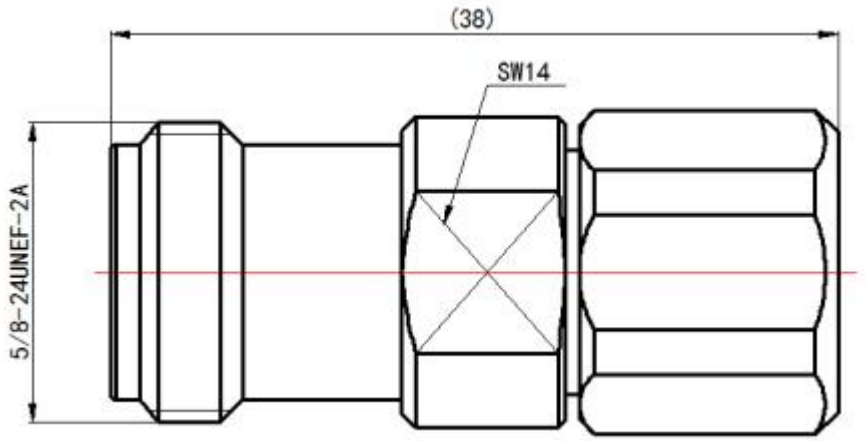
Product Specifications

PN:45010203952

NF-KSR400



Dimensions in mm

1 Product Structure

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

2 General Specifications

Interface	N Female
Standards	IEC61169、IEC 60169
Body Style	Straight
Durability	≥ 500
Cable	KSR400

3 Electrical Specifications

Impedance	50Ω
Operting Frequency Band	DC-6GHz
Insertion Loss, Typical	≤0.05√f dB Max
VSWR	≤1.12(DC-3GHz)
Dielectric withstanding voltage	1500V
Contact Resistance	
Inner Conductor	≤1.0mΩ
Outer Conductor	≤0.25mΩ
Insulation Resistance	≥5000MΩ

4 Environment Specifications

Operating Temperature	-40°C to +85°C
Immersion Test Mating	Mated
Immersion Test Method	IEC 60529:2001, IP67
Corrosion Test Method	IEC 60068-2-52 96h
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