

RF Connectors

SMA, Plug, 50Ω

multicomp PRO

**RoHS
Compliant**

Description

SMA connectors have many advantages, such as small size, wide frequency range, excellent signal properties and high reliability. SMA connectors are used most widely in the RF and Microwave Industries.

Specifications

Electrical

Frequency Range : DC-12.4GHz
Nominal Impedance : 50Ω
Voltage Rating : 500 Volts Max
VSWR : 1.274 Max

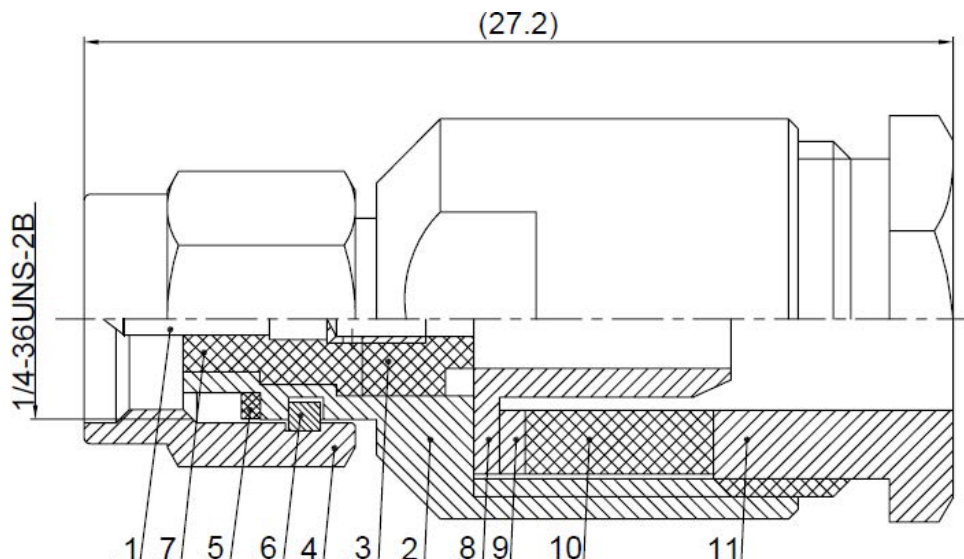
Mechanical

Interface in Accordance with : MIL-STD-348A
For Use with RG58U or Similar Style Cable
Cable attachment : Outer Clamp Inner Solder
Recommended Coupling Torque : 3 to 5 in-lbs

Environmental

Operating Temperature Range : -65°C to +165°C

Diagram



Dimensions : Millimetres

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No.	Description	Q'ty	Material	Plating
1	Center Contact	1	Brass	Gold (1.27um)
2	Body	1	Brass	Gold
3	Insulator	1	Teflon	
4	Nut	1	Brass	Gold
5	Gasket	1	Rubber	
6	Washer	1	QSnCu	Nickel
7	Insulator	1	Teflon	
8	BUSH	1	Brass	Gold
9	Gasket	1	Brass	Gold
10	Gasket	1	Rubber	Gold
11	Body	1	Brass	Gold

Part Number Table

Description	Part Number
RF Connectors, SMA, Plug, 50Ω	MP010253

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