

PRODUCT SPECIFICATIONS

SMA 27G

Straight Plug Solder for RG405 Cable

40520108220001(52-01-1RG405-TGG)



Electrical

Impedance	50 Ω
Frequency Range	DC to 26.5 GHz
V.S.W.R	1.16 max@18 GHz
	1.2 max. @26.5 GHz
Voltage Rating	335 volts rms. at sea level
Dielectric Withstanding Voltage	750 volts rms. at sea level
Insulation Resistance	5,000 Megohms min.
Contact Resistance	Center contact = 3.0 Milliohms max.
	Outer contact = 2.0 Milliohms max.
Power Handling	220W

Mechanical

Mechanical	1/4"-36 Threaded coupling
Durability	500 Cycles
Torque	8 in-lbs min.
Recommended Torques	3~5 inch-lbs

Material

Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE
Gasket	Silicone

Environmental

Temperature	-65°C to 165°C
Vibration	Refer to MIL-STD-202 Method 204 Test Cond. D.
Salt Spray	Refer to MIL-STD-202 Method 101 Test Cond. B.

Related Documents

Assembly instructions	CM-18
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Test Report

S11 FORWARD REFLECTION

FGT

SWR

REF=1.000 U

100.000 mU/DIV



CH 1 - S11
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET

MARKER 1
18.032800000 GHz
1.114 U

MARKER TO MAX
MARKER TO MIN

2 26.500000000 GHz
1.111 U

3 23.291725000 GHz
1.132 U

MARKER READOUT
FUNCTIONS