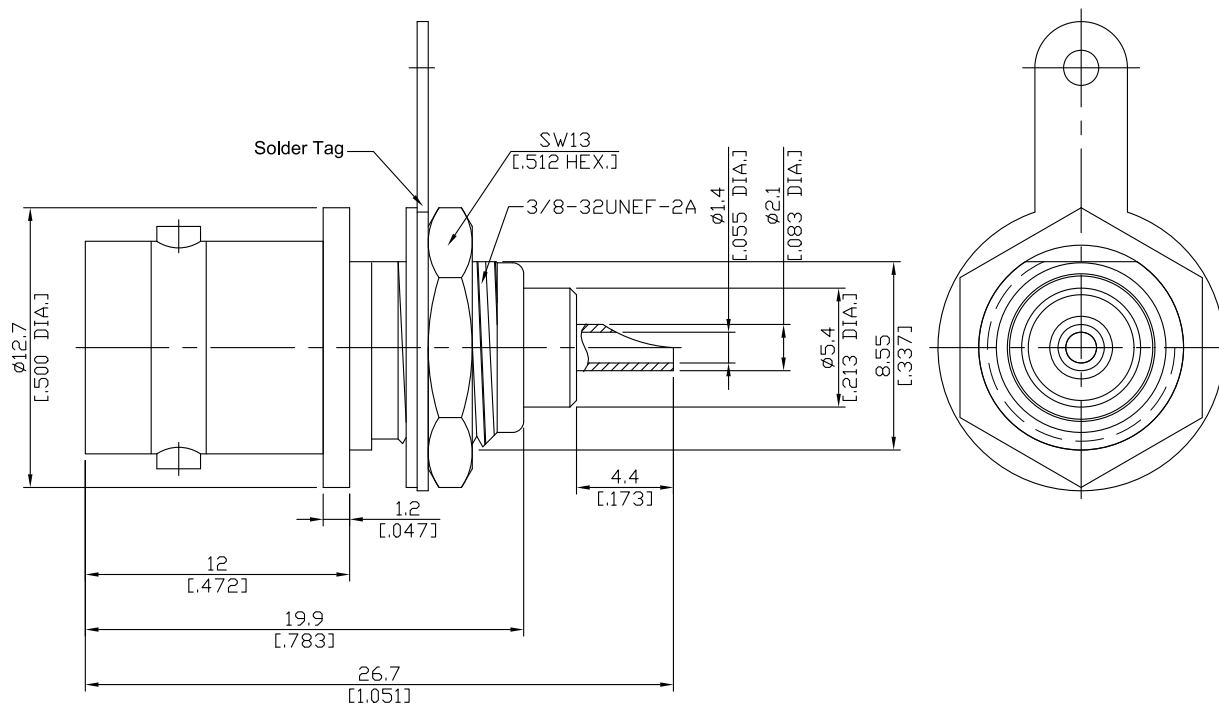


BNC Jack (Female) Straight Bulkhead Connector, Solder Cup Attachment,
DC-4 GHz, VSWR 1.20

BNC2FB50-2670A / 93



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-8; CECC 22120; MIL-PRF-39012; MIL-STD-348B/301; BS 9210 N 004

Electrical Data

Impedance	50 Ω
Frequency	DC to 4 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.83 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 1.5 mΩ
Outer Contact Resistance	≤ 1 mΩ
Test Voltage	1500 V rms
Working Voltage	400 V rms
Power Handling (at 20 °C, sea level, VSWR 1.0)	≤ 80 W @ 2 GHz

-VSWR in practical applications depends on the installation process-

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Solder Tag	Brass	Nickel
Fastening Nut	Brass	Nickel
Washer	Brass	Nickel

BNC Jack (Female) Straight Bulkhead Connector, Solder Cup Attachment,
DC-4 GHz, VSWR 1.20

BNC2FB50-2670A / 93

Mechanical Data

Coupling Mechanisms	Bayonet-Lock
Mating Cycles	≥ 500
Centre Contact	Soldered
Terminal Type	Solder Cup
Center Contact Captivation: axial	≥ 15 N

Environmental Data

Temperature Range	-65°C to + 165°C
Thermal Shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. G
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	Compliant

Packing

Single or 100