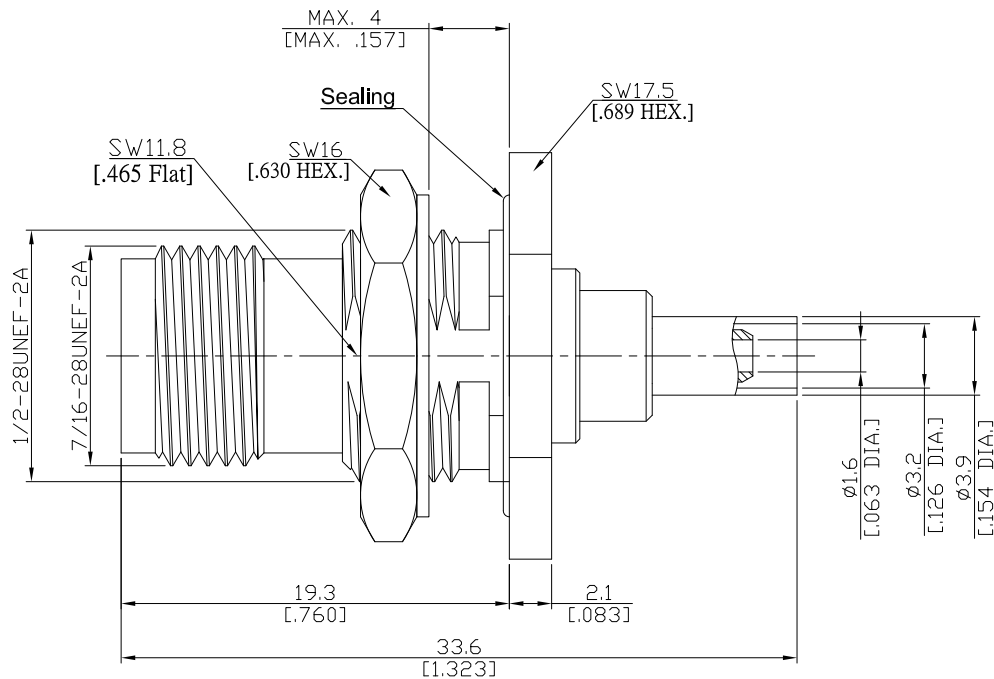


**TNC Jack (Female) Bulkhead Mount Connector Crimp/Crimp or Solder Attachment
for RG174, RG316, RG188, IP67 Rated DC-6GHz VSWR1.20**

TNC2CA50-G316A / H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-17, MIL-STD-348B/313

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.83 dB)
Insertion Loss	≤ 0.1 x √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 1.5 mΩ
Outer Contact Resistance	≤ 1 mΩ
Test Voltage (at sea level)	1500 V rms
Working Voltage (at sea level)	500 V rms
Power Handling	80 W @ 2 GHz

- Limitations are possible due to the used cable type -

Material And Plating

Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Ferrule	Brass	Nickel

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Mechanical Data

Coupling Mechanisms	Screw-Lock
Centre Contact	Soldered or Crimped
Cable Entry	Crimped
Mating Cycles	≥ 500
Center contact captivation axial:	≥ 27 N
Coupling Test Torque	≤ 1.7 Nm
Coupling Torque Recommended	1 Nm

Environmental Data

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

Suitable Cables

RG174, RG188, RG316

Packing

Single or 100