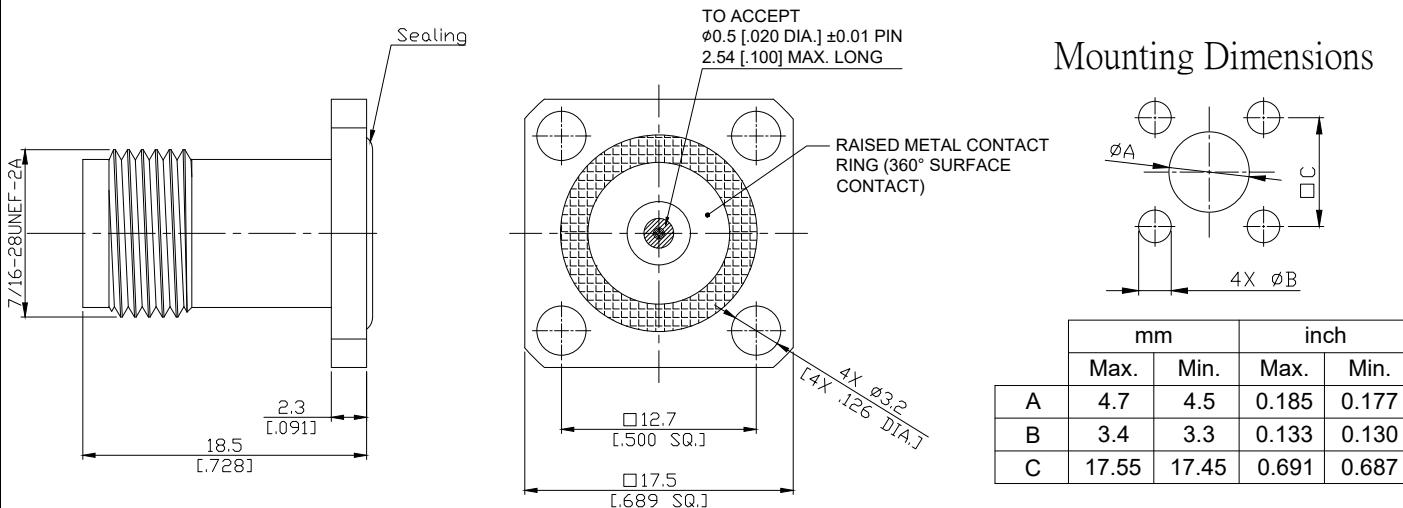
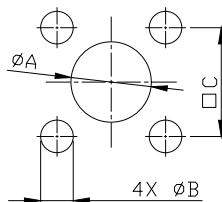


TNC Jack (Female) Field Replaceable Connector 4 Hole Flange Mount
 0.5 mm [.020 inch] Pin, 17.5 mm [.689 inch] Flange Size DC-11GHz VSWR1.5

T2BF50-0020A / H4_IP67



Mounting Dimensions



	mm		inch	
	Max.	Min.	Max.	Min.
A	4.7	4.5	0.185	0.177
B	3.4	3.3	0.133	0.130
C	17.55	17.45	0.691	0.687

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-26; MIL-STD-348B/313

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return loss)

≤ 1.25 (≥ 19.08 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 1.5 mΩ

Outer Contact Resistance

≤ 0.2 mΩ

Test Voltage

1500 V rms

Working voltage

500 V rms

Power handling

≤ 80 W @ 2 GHz

Material And Plating

Piece Parts

Material

Plating

Centre contact

Beryllium Copper

Gold plating, 3 µinch

Body

Brass

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Insulator

PTFE

Copper-Tin-Zinc Alloy

Gasket

Silicone Rubber

Coupling nut

Brass

Copper-Tin-Zinc Alloy

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

Date:

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N-CAGE Code: SFKK0 / ISO9001 Certified

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Captivated Type	Mechanical
Center Contact Captivation: axial	≥ 27 N
Coupling Test Torque	1.70 Nm
Recommended Torque	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-55°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
IP Rating	IP6x- Dust tight - no partical ingress IPx7- Waterproof for 30 minutes up to 1 meter underwater.

Packing

Single or 100