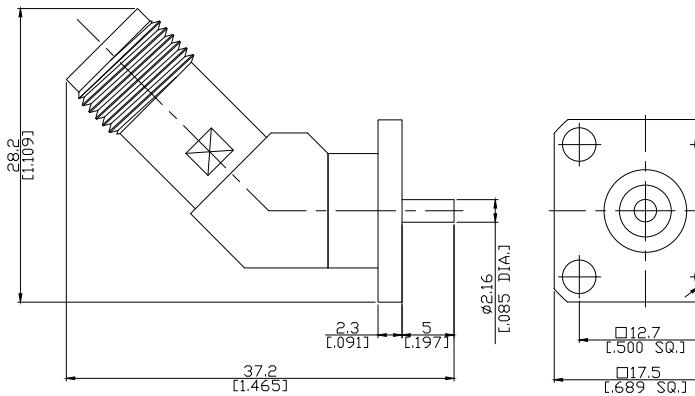
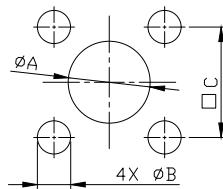


TNC Jack (Female) 45 Degree Angle Connector Solder Attachment 4 Hole Flange Mount Stub Terminal, 12.7mm (.500 inch) Hole Spacing DC-18 GHz VSWR 1.3

TNC2GFA54-3720A / H3



Mounting Dimensions



	mm		inch	
	Max.	Min.	Max.	Min.
A	2.36	2.26	0.093	0.089
B	3.4	3.3	0.133	0.129
C	13.2	12.2	0.520	0.480

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 18 GHz

VSWR (Return Loss)

≤ 1.3 (≥ 17.7 dB)

Insertion Loss

≤ 0.05 dB, DC to 4 GHz

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 1.5 mΩ

Outer Contact Resistance

≤ 1 mΩ

Working Voltage (at sea level)

500 V rms

Test voltage

1500 V rms

Power handling

80 W @ 2 GHz

Material And Plating

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

TNC Jack (Female) 45 Degree Angle Connector Solder Attachment 4 Hole Flange Mount Stub Terminal, 12.7mm (.500 inch) Hole Spacing DC-18 GHz VSWR 1.3

TNC2GFA54-3720A / H3

Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Centre Contact	Soldered
Terminal Type	Stub
Captivated Type	Mechanical
Coupling Test Torque	1.7 Nm max.
Recommended Torque	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-65°C to +180°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