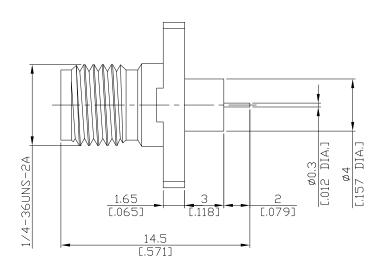
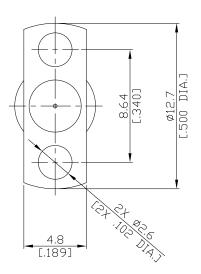


Technical Data Sheet

2.92mm Jack (Female) Connector Solder Attachment 2 Hole Flange Mount Stub Terminal, 8.64mm [.340 inch] Hole Spacing, DC-40GHz VSWR1.2

K2GTA50-1450D / 9X





All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Mechanically compatible with

According to

3.5mm, SMA

IEC 61169-35, IEEE Std 287-2007

Electrical Data

Impedance

Frequency

VSWR (Return Loss) Insertion Loss

Insulation Resistance

Test Voltage (at sea level)

Working Voltage (at sea level)

50 Ω

DC to 40 GHz

≤ 1.20 (≥ 20.83 dB)

 \leq 0.05 x \sqrt{F} (GHz) dB

 $\geq 5~\mathrm{G}\Omega$

750 V rms

250 V rms

- Return loss in application depends decisive on PCB or cavity design -

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch
Cerille collida		(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PEI /PTFE	

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	Do
judged to be necessary.	ΑP

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Mechanical Data

 Coupling Mechanisms
 Snap-on

 Mating Cycles
 ≥ 500

 Center Contact Captivation
 ≥ 20 N

 Coupling Test Torque 2.92mm
 1.70 Nm

 Recommended Torque 2.92mm
 0.90 Nm

Environmental Data

Temperature Range
-55 °C to +165 °C
Thermal Shock
MIL-STD-202, Meth. 107, Cond. B
Vibration
MIL-STD-202, Meth. 204, Cond. D
Shock
MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance
MIL-STD-202, Meth. 106
compliant

Packing

Single or 100