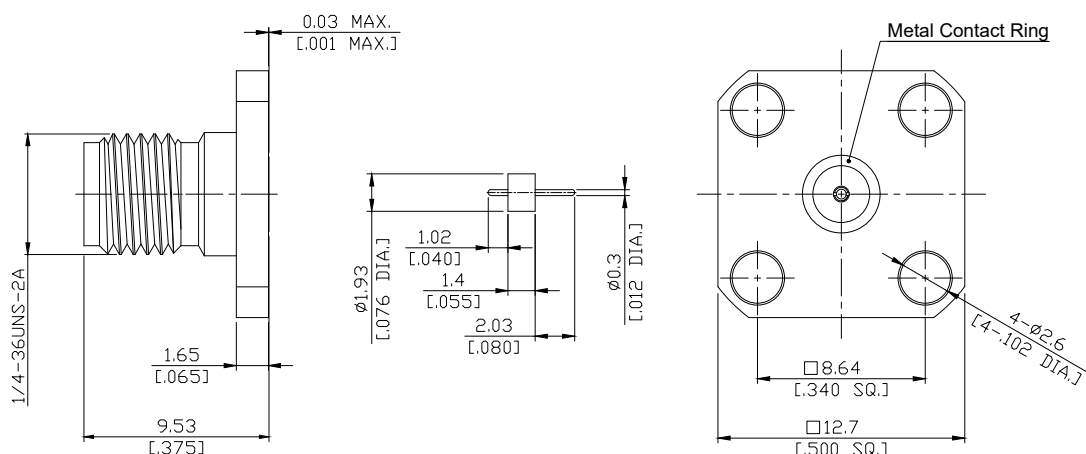


2.92mm Female Field Replaceable Connector 4 Hole Flange Mount .340 inch Hole Spacing, Hermetic Seal 0.012 inch, DC-40GHz VSWR1.45

HS-K2BF50-0012A / 9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-35, IEEE Std 287-2007

Mechanically compatible with

SMA, 3.5mm

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.45 (≥ 14.7 dB)

Insertion Loss

≤ 1.2 dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 3.0 mΩ

Outer Contact Resistance

≤ 2.0 mΩ

Test Voltage

750 V rms

Working voltage

250 V rms

RF-leakage

≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Piece Parts (Hermetic Seal)	Material	Plating
Centre contact	Ferro-Nickel (Kovar)	Gold plating
Body	Ferro-Nickel (Kovar)	Gold plating
Insulator	Corning 7070 Glass	



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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Captivated Type	Mechanical
Center Contact Captivation: axial	≥ 20 N
Coupling Test Torque	1.70 Nm
Recommended Torque	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-65°C to +155°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. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100