

2.92mm Female to SMP Jack Precision Coaxial Adapter

292-SMP40-PS

MECHANICAL SPECIFICATIONS

Interface 1	2.92mm
Gender 1	Female
Standard 1	MIL-STD-348A
Interface 2	SMP
Gender 2	Jack (Female)
Standard 2	MIL-STD-348A
Geometry	Straight
Durability	≥500 mating
Weight	5 g

ELECTRICAL SPECIFICATIONS

Impedance	50 Ω
Frequency range	DC – 40 GHz
VSWR	≤1.30
Insertion loss	≤0.3 dB
Working voltage	335 V _{RMS}
Dielectric withs. voltage	500 V _{RMS}
Insulation resistance	≥5000 MΩ

MATERIAL SPECIFICATIONS

COMPONENT	MATERIAL	FINISHING
Body	Stainless steel	Passivated / Gold
Center contact	BeCu	Gold
Insulator	PEI / PTFE	-

ENVIRONMENTAL SPECIFICATIONS

Temperature range	-55 / +165 °C
RoHS	Compliant (2011/65/EU RoHS 3)
REACH	Compliant (EC 1907/2006)



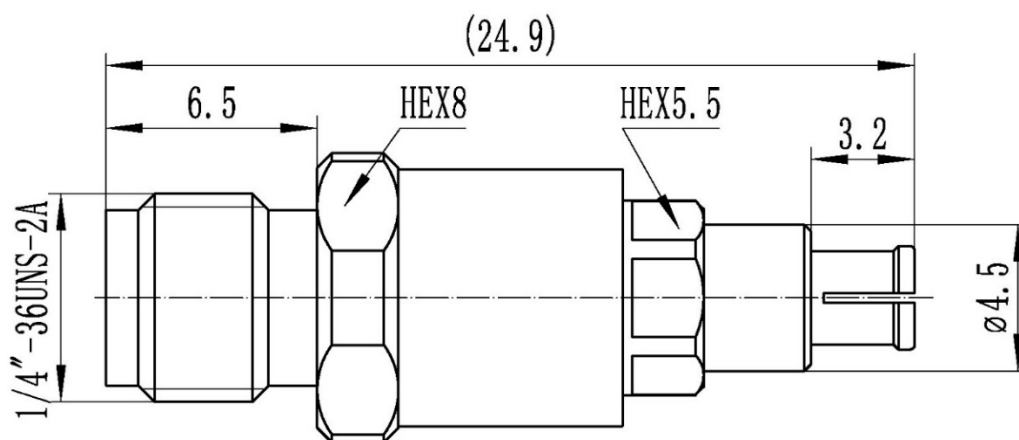
KEY FEATURES

- Precision 2.92mm to SMP transition up to 40 GHz
- Passivated stainless steel construction
- Stable RF performance for mmWave applications
- 1-year standard warranty



DRAWING

Unit: mm



TYPICAL PERFORMANCE (VSWR)

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