

## SMP Serial Adapter 2.92mm Female to SMP Male DC - 40GHz

**Features**

- Wide band operation
- Low VSWR
- 50 Ohm Matched

**Typical Applications**

- Enables Between Series Connections
- Test and Measurement

**Electrical Specifications, TA = +25 °C**

Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		40	GHz
VSWR			1.20	: 1
Impedance	50			Ohms
Connectors	2.92mm-Female/SMP-Male			
Material	Stainless Steel SUS303			
Surface Treatment	Polished & Passivated			
Center PIN	Beryllium Copper Gold Plated			
Insulate material	PEI&PTFE			

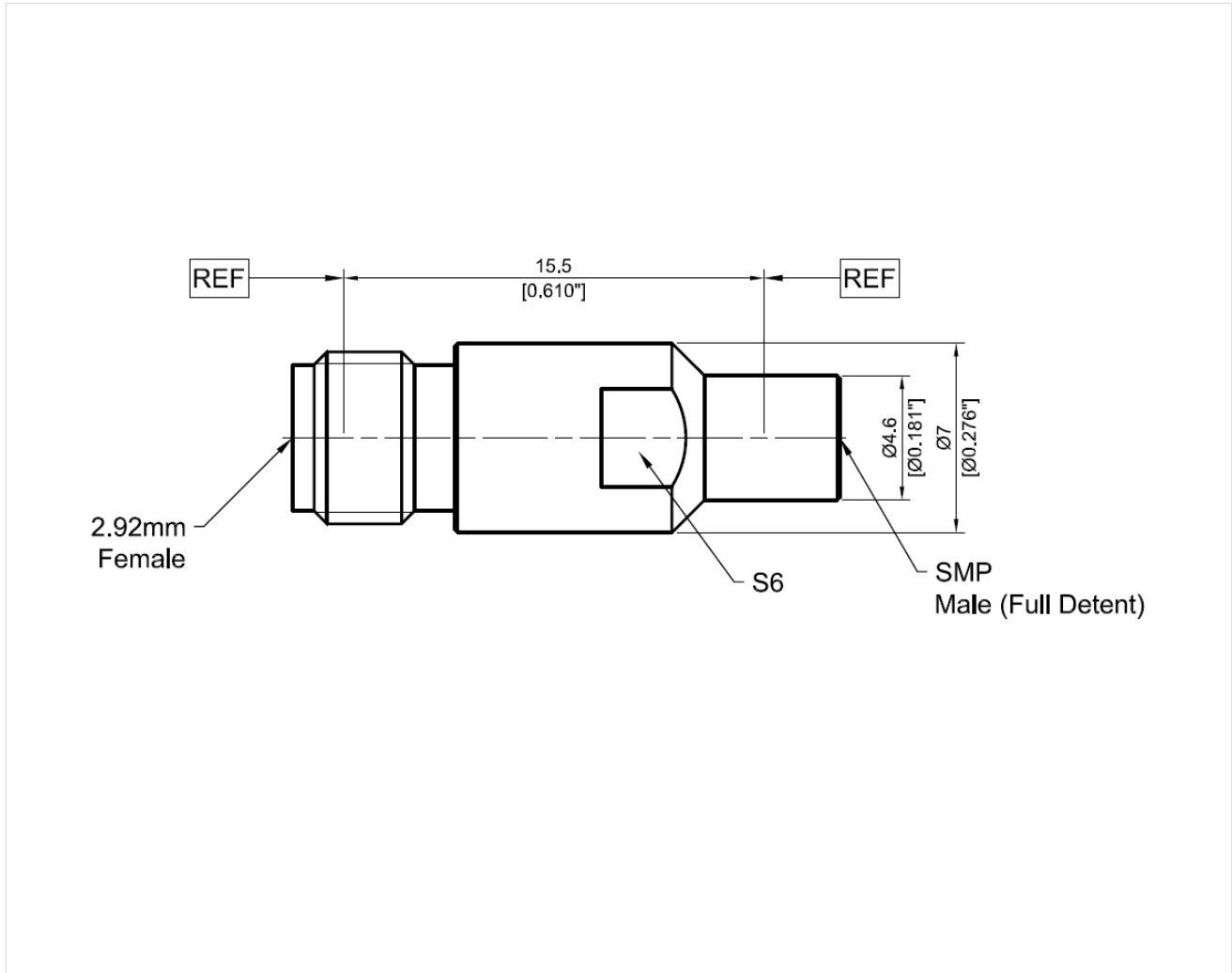
**Environmental Specifications and Test Standards**

Parameter	Description
Operational Temperature	-55°C~+165°C
Storage Temperature	-60°C~+185°C
Thermal Shock	-55°C → +165°C (5 Cycles / 10 hours)
Random Vibration	MIL-STD-202G Table 214-I, Test Condition Letter C 1.5 Hours Per Axis
High Temperature Burn In	Temperature +85°C for 72 Hours
Shock	1. Weight >20g, 50g half sine wave for 11ms, Speed variation 3.44m/s 2. Weight <=20g, 100g Half sine wave for 6ms, Speed variation 3.75m/s 3. Total 18 times (6 directions, 3 repetitions per direction).
Altitude	Standard: 30,000 Ft (Epoxy Sealed Controlled Environment) Optional: Hermetically Sealed (60,000 ft. 1.0 PSI min)
Hermetically Sealed (Optional)	MIL-STD-883 (For Hermetically Sealed Units)

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**Outline Drawing:**

All Dimensions in mm [inches]



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