

**2.92(K) Female to 1.85(V) Female Adapter**  
**RF Connector Technical Data Sheet**  
**K-007-ST**

**Configuration**

- 2.92(K) Female Connectr 1
- 1.85(V) Female Connectr 2
- 50 Ohms

**Features**

- Max VSWR of 1.2 : 1 up to 40 GHz
- 2.92(K) Interface compliant with IEC-61169-35
- 1.85(V) Interface compliant with IEC-61169-32

**Applications**

- General Purpose Test

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
VSWR	1.15		1.2 : 1	
Operating Voltagr(AC)			250	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2	mOhms
Insertion Resistance	5,000			MOhms

**Mechanical Specifications**

**Size**

Length	[mm]	23.89
Width	[mm]	9.0
Height	[mm]	9.0
Weight	[g]	6.8



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Description	Connector 1	Connector2
Type	2.92(K) Female	1.85(V) Female
Polarity	Standard	Standard
Interface Specification	IEC-61169-35	IEC-61169-32
Mating Cycles	500	500
Hex Size	-	-
Mating Torque	-	-
Coupling Proof Torque, Min	-	-

**Material Specifications**

Description	Connector 1		Connector2	
	Material	Plating	Material	Plating
Type	2.92(K) Female	-	1.85(V) Female	-
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PEI	-	PEI	-
Outer Conductor	-	-	-	-
Body	Stainless Steel	Passivated	Stainless Steel	Passivated
Gasket	-	-	-	-
Coupling Nut	-	-	-	-

**Environmental Specifications**

**Temperature**

Operating Range -60 to +165 deg C

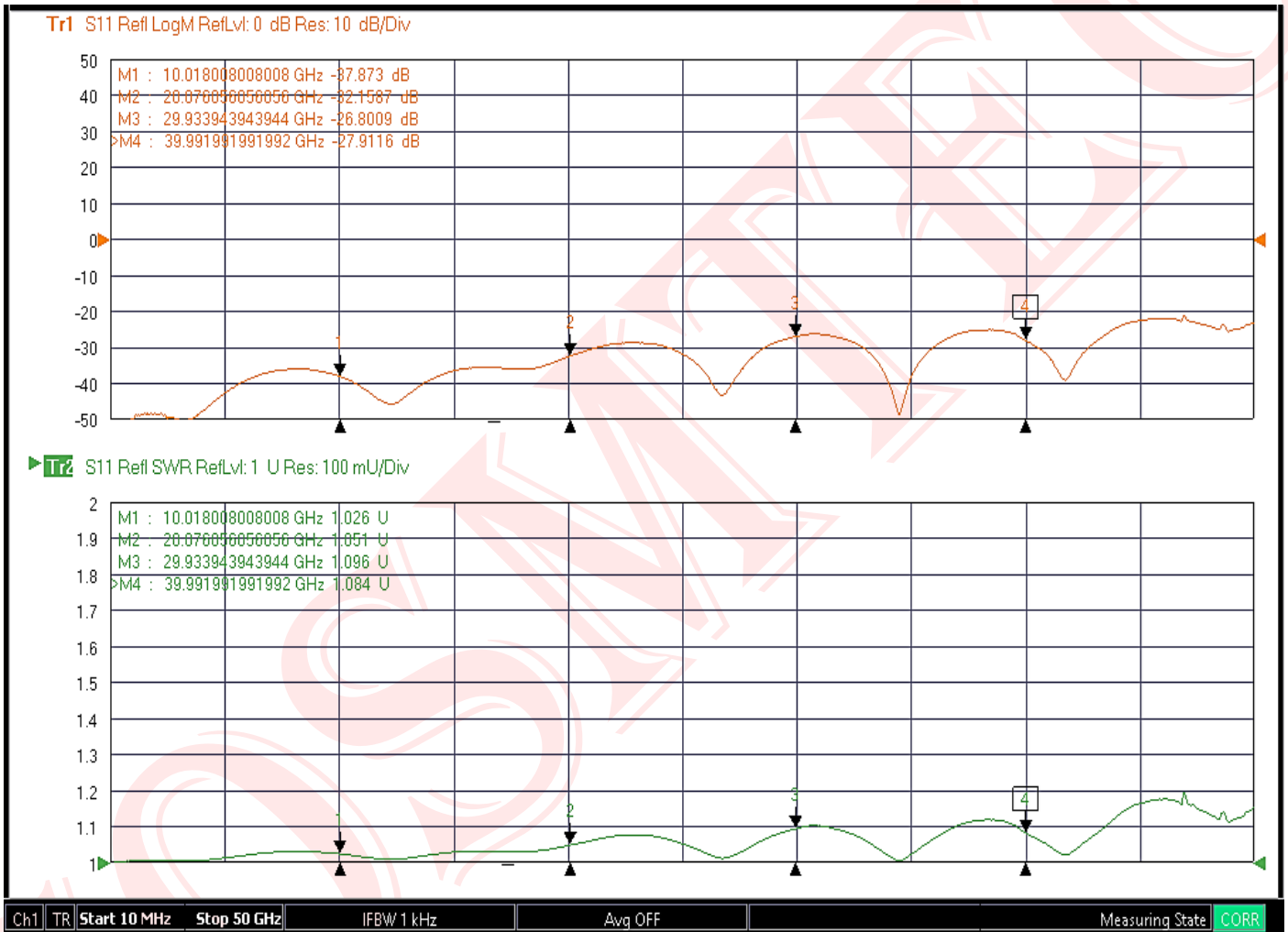
**Compliance Certifications**

- RoHS Compliant Yes

**Plotted and Other Data**

Notes: Do Turn Male (Plug) Connector's Nut (Shell) Only To Tighten

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