

**SMA Male Solder for RG-402, SS402 & .141 Coaxial Cable**  
**RF Connector Technical Data Sheet**  
**S-050-402**

**Configuration**

- SMA Male Connectr
- Straight Body
- 50 Ohms

**Features**

- Max VSWR of 1.3 : 1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348A

**Applications**

- General Purpose Test

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.3 : 1	
Operating Voltagr(AC)			335	Vrms

**Mechanical Specifications**

**Size**

Length	[mm]	12.6
Width	[mm]	8.0
Weight	[g]	2.6



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Description	Connector
Type	SMA Male
Polarity	Standard
Interface Specification	MIL-STD-348A MIL-C-39012
Mating Cycles	500
Hex Size	8
Mating Torque	3 to 5 in-lbs
Coupling Proof Torque, Min	5 in-lbS

#### Material Specifications

Connector		
Description	Material	Plating
Type	SMA Male	-
Contact	Brass	Gold
Insulation	PTFE	-
Outer Conductor	Brass	Gold
Body	Brass	Gold
Gasket	Silicone	-
Coupling Nut	Brass	Gold

#### Environmental Specifications

##### Temperature

Operating Range                      -50 to +125 deg C

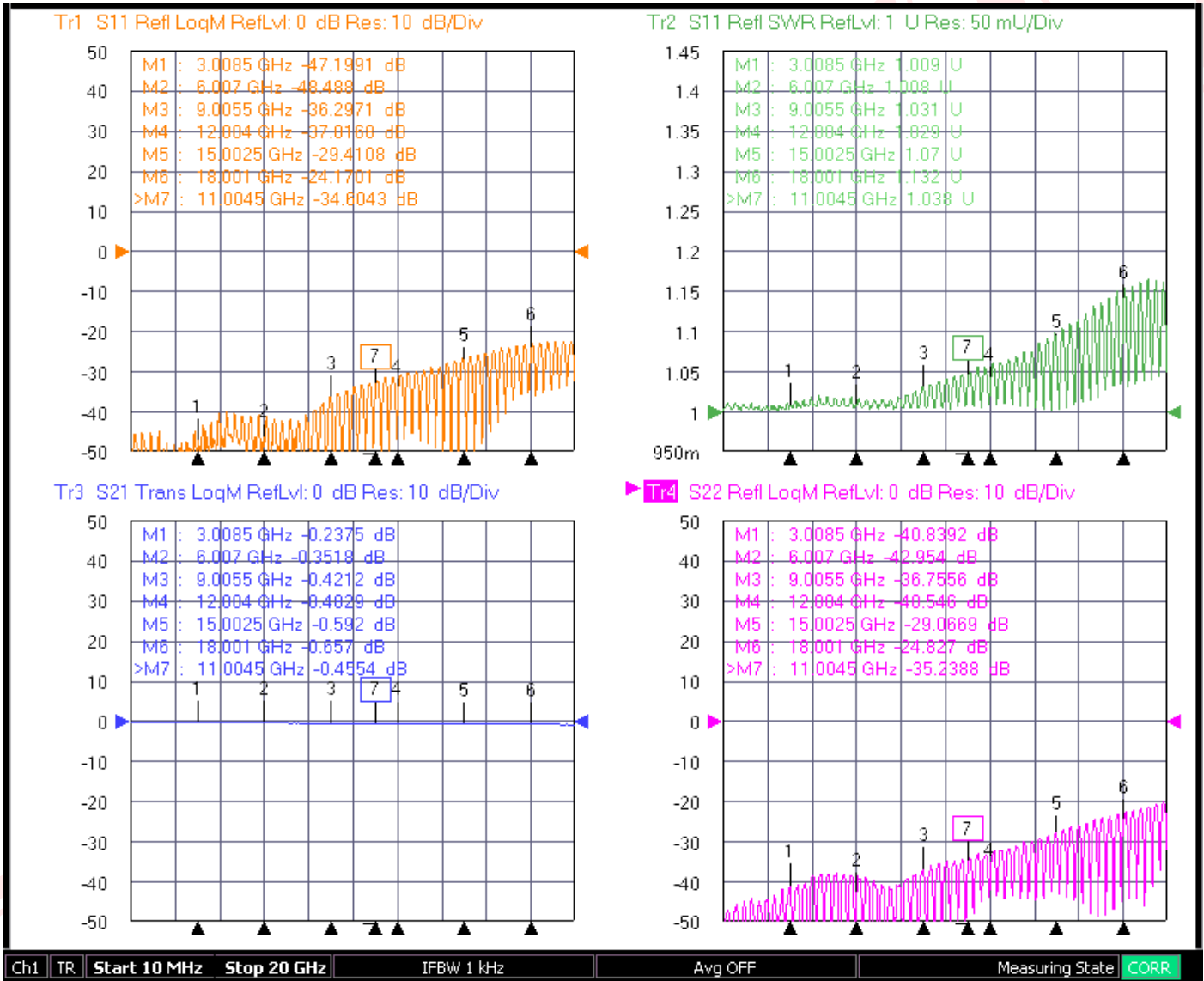
#### Compliance Certifications

- RoHS Compliant            Yes

#### Plotted and Other Data

Notes:

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