

SMC Female to SMA Female Adapter
RF Connector Technical Data Sheet
SC-041

Configuration

- SMC Female Connectr 1
- SMA Female Connectr 2
- 50 Ohms

Features

- Max VSWR of 1.2 : 1 up to 10 GHz
- SMC Interface compliant with MIL-STD-348A
- SMA Interface compliant with MIL-STD-348A

Applications

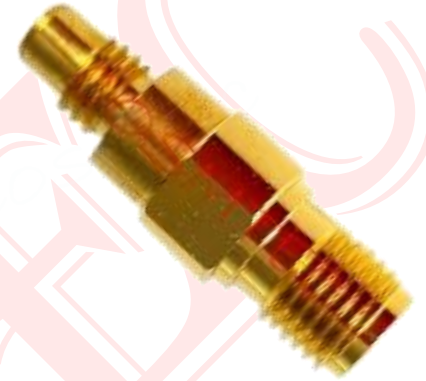
- General Purpose Test

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		10	GHz
VSWR			1.2 : 1	

Mechanical Specifications
Size

Length	[mm]	22.6
Width	[mm]	7.5
Weight	[g]	3.3



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Weight

Description	Connector 1	Connector2
Type	SMC Female	SMA Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
	MIL-C-39012	MIL-C-39012
Mating Cycles	500	500
Hex Size	-	-
Mating Torque	-	-
Coupling Proof Torque, Min	-	-

Material Specifications

Description	Connector 1		Connector2	
	Material	Plating	Material	Plating
Type	SMC Female	-	SMA Female	-
Contact	Phosphor Bronze	Gold	Phosphor Bronze	Gold
Insulation	PTFE	-	PTFE	-
Outer Conductor	-	-	-	-
Body	Brass	Gold	Brass	Gold
Gasket	-	-	-	-
Coupling Nut	-	-	-	-

Environmental Specifications
Temperature

Operating Range -65 to +165 deg C

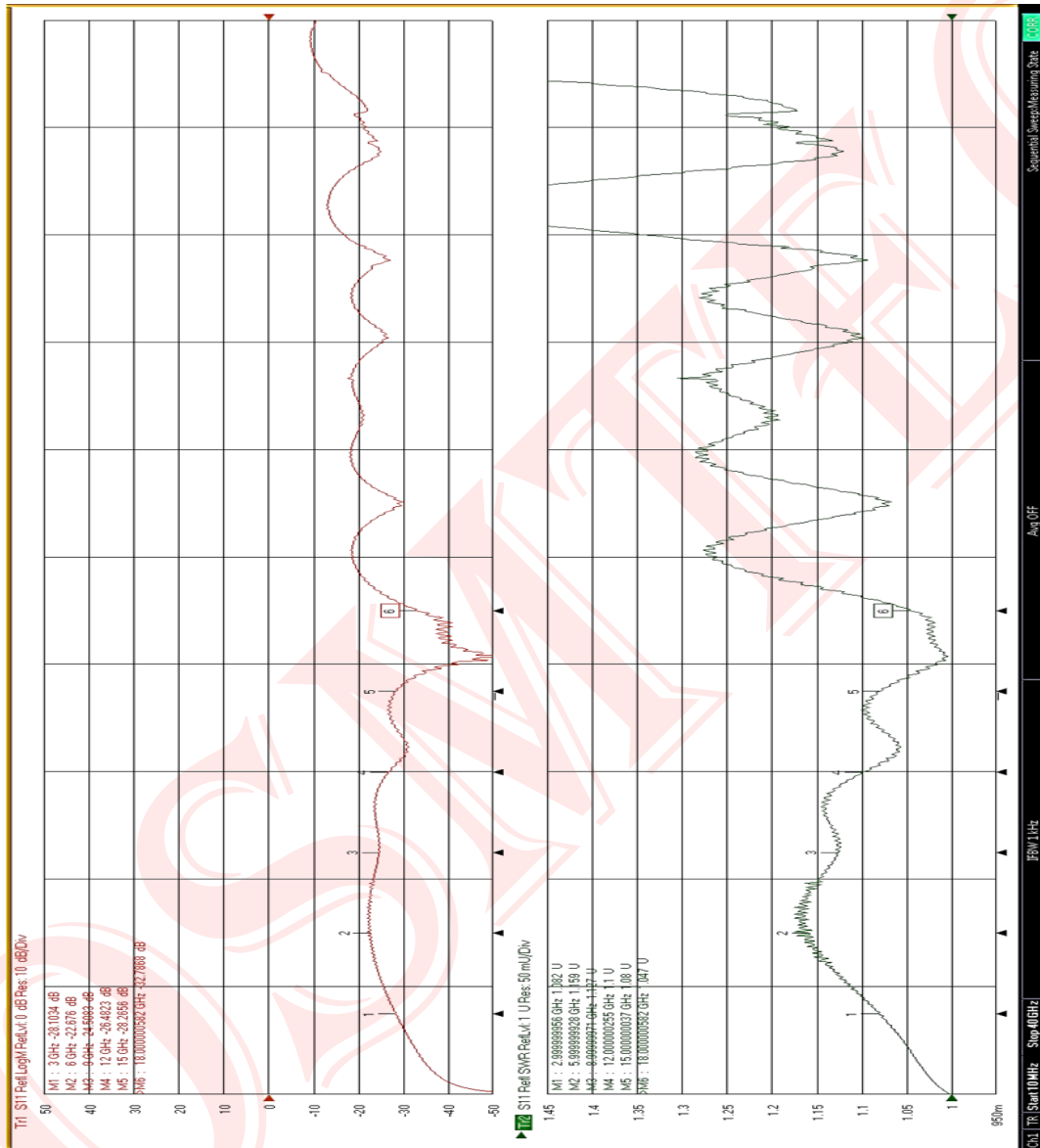
Compliance Certifications

- RoHS Compliant Yes

Plotted and Other Data

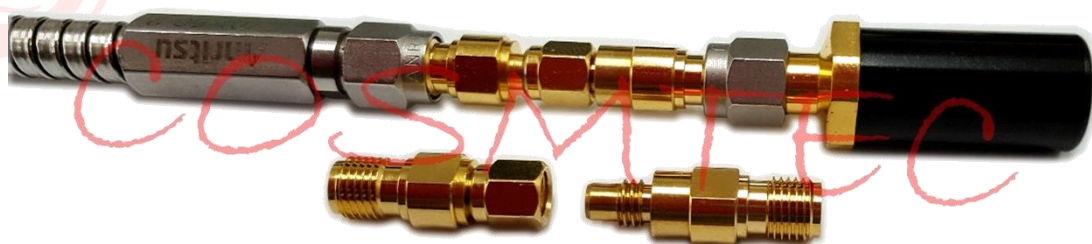
Notes:

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Notes :

This testing data report is both SC-039 and SC-041 combined for testing. The value is included two connectors of SC-039 and SC-041.



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