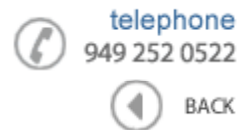




**Data Sheet**



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
802-RF1802.5M-A	3.0 x 3.0 SMD	Wireless	Jan. 01, 2007

TYPE :  
Wireless, RF SAW Filter



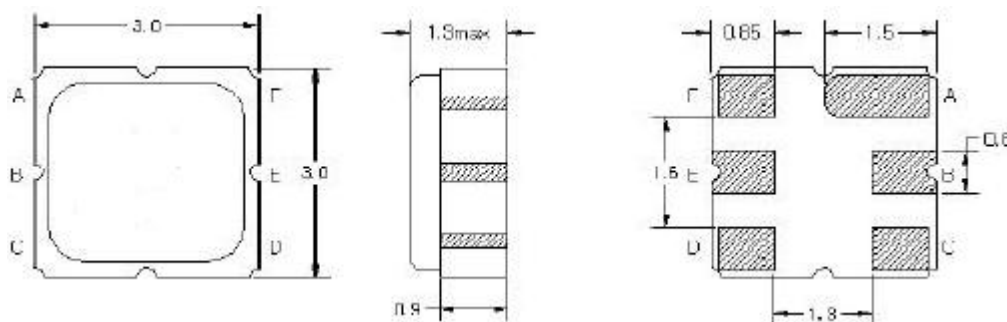
PART NUMBER :  
**802-RF1802.5M-A**

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	1802.5	-	MHz
Insertion Loss	1800.0~ 1805.0 MHz	-	2.6	3.5	dB
Stop Band Attenuation:	Fo-70.0 MHz	30	40	-	dB
	Fo+70.0 MHz	30	45	-	
Amplitude Ripple	1800.0~ 1805.0 MHz	-	0.3	1.5	dBp-p
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	1800.0~ 1805.0 MHz	-	2.1	2.5	-
Maximum DC Voltage	-	-	-	0	V
Maximum Input Power	-	-	-	5	dBm
Operating Temperature	-	-30	-	+85	°C

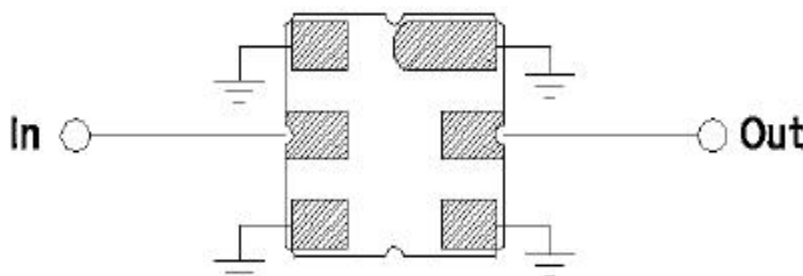
\* No Matching Network (Ref. Testing Environment Circuit as shown below)

**PACKAGE OUTLINE (mm)**



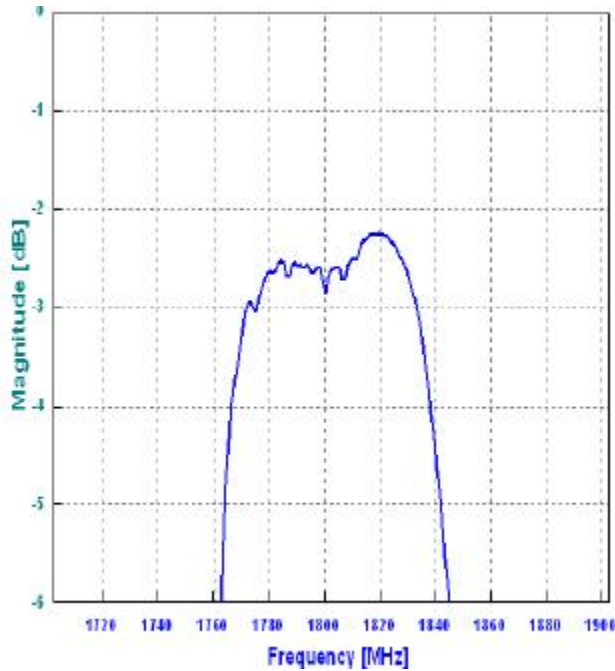
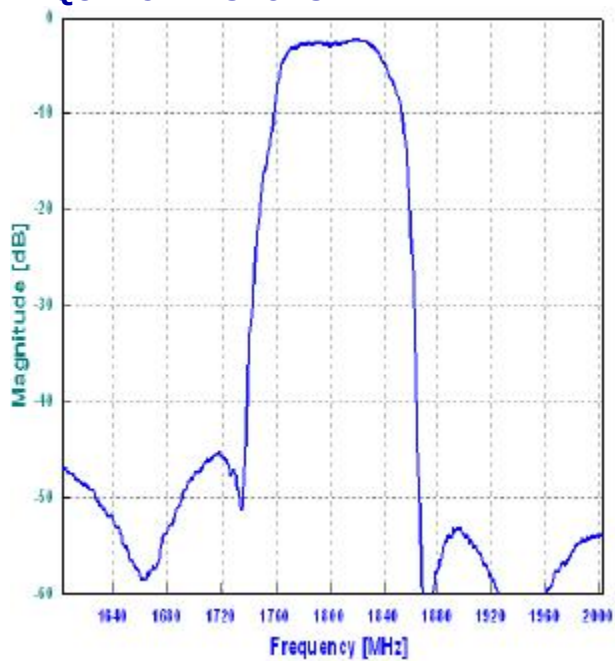
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

**TEST FIXTURE**

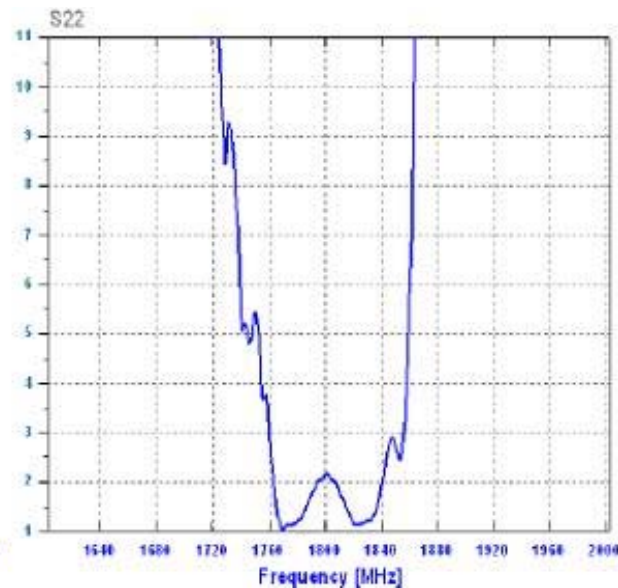
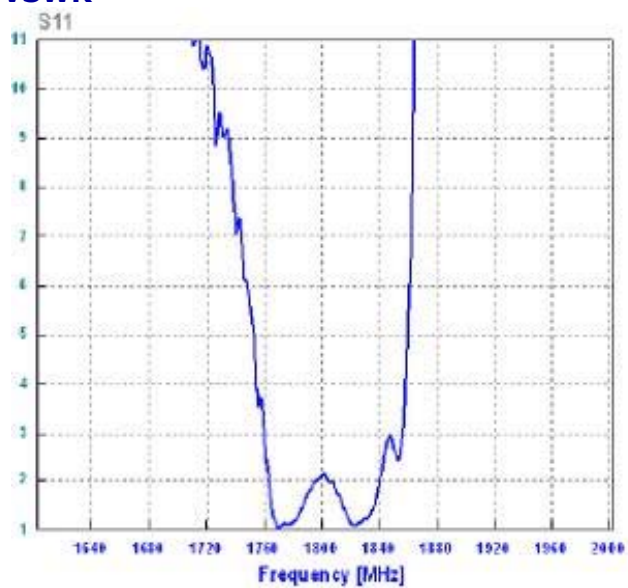


Load/ Source Impedance = 50ohms

**FREQUENCY RESPONSE**

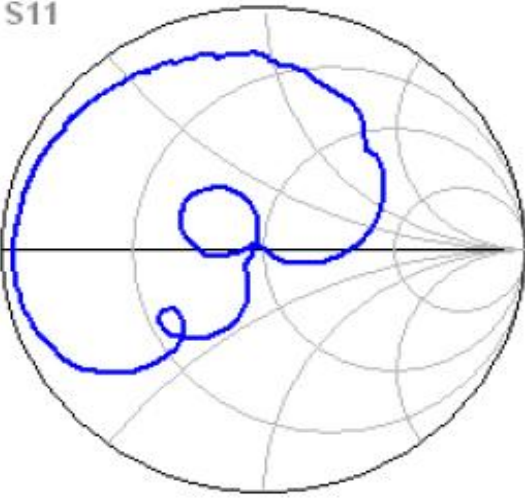


**VSWR**

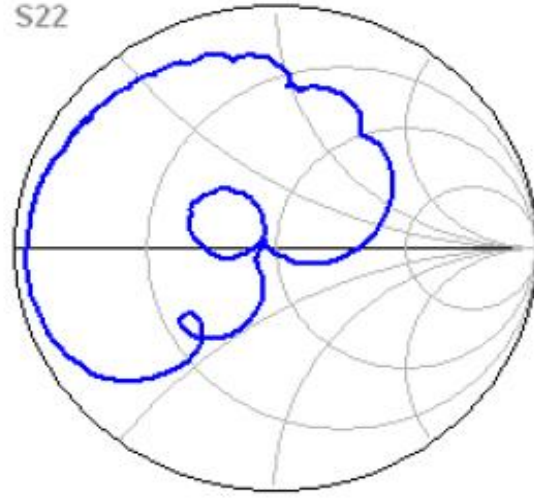


**SMITH CHART**

S11



S22



**Oscilent Corporation** - CALL **949.252.0522**

**Part No.:** 802-RF1802.5M-A

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