



Data Sheet



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
802-RF1950.0M-A	3.0 x 3.0 SMD	WCDMA	Jan. 01, 2007

TYPE :
WCDMA, RF-Tx SAW Filter



PART NUMBER :
802-RF1950.0M-A

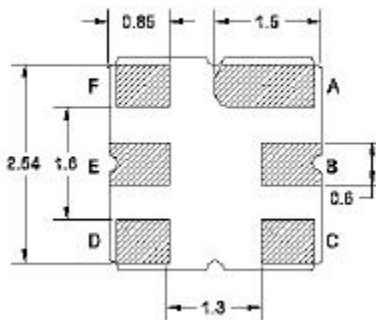
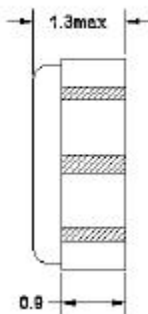
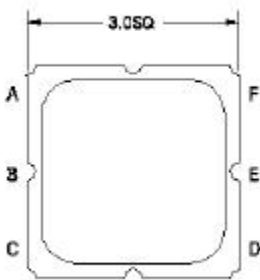
OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	1950.0	-	MHz
Insertion Loss	1920.0~ 1980.0 MHz	-	2.8	4.0	dB
Stop Band Attenuation:	D.C.~1840.0 MHz	20	31	-	dB
	1840.0~ 1900.0 MHz	10	17	-	
	2000.0~ 2030.0 MHz	4.5	9	-	
	2030.0~2060.0 MHz	20	50	-	
	2060.0~ 5000 MHz	22	26	-	
Amplitude Ripple	1920.0~ 1980.0 MHz	-	1.4	2.4	dBp-p
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	1920.0~ 1980.0 MHz	-	1.9	2.4	-
Maximum DC Voltage	-	-	-	5	V
Maximum Input Power	-	-	-	10	dBm
Operating Temperature	-	-30	-	+80	°C

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

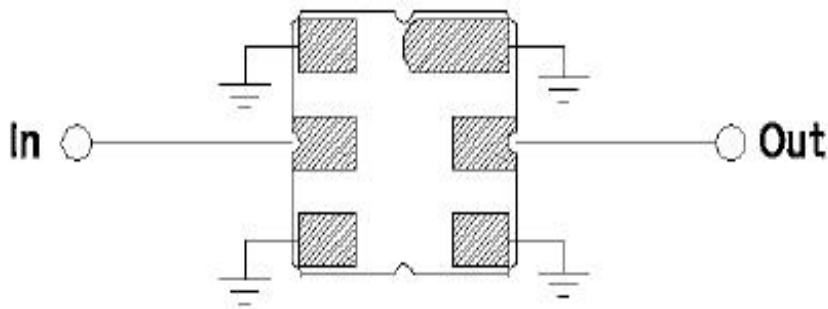
PACKAGE OUTLINE (mm)

PACKAGE DRAWING



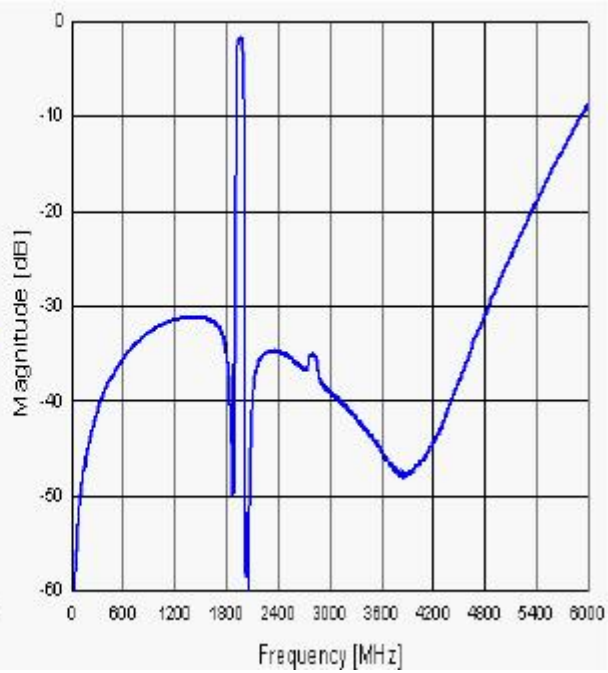
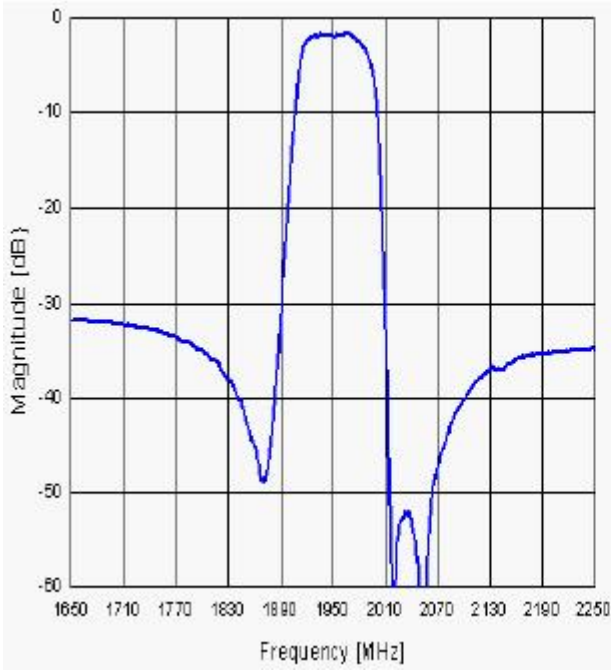
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

TEST FIXTURE

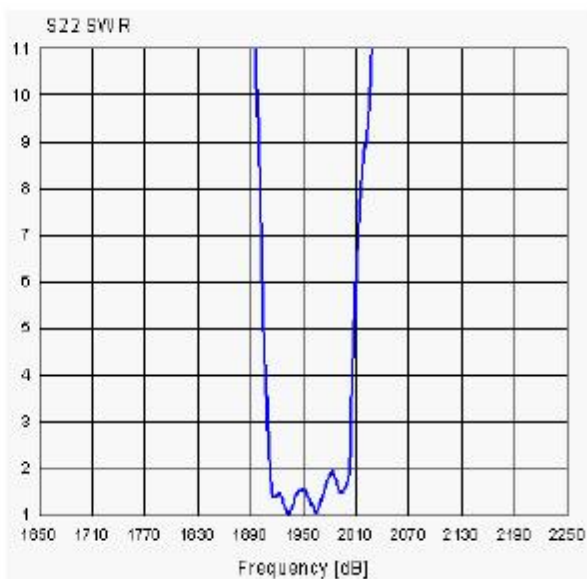
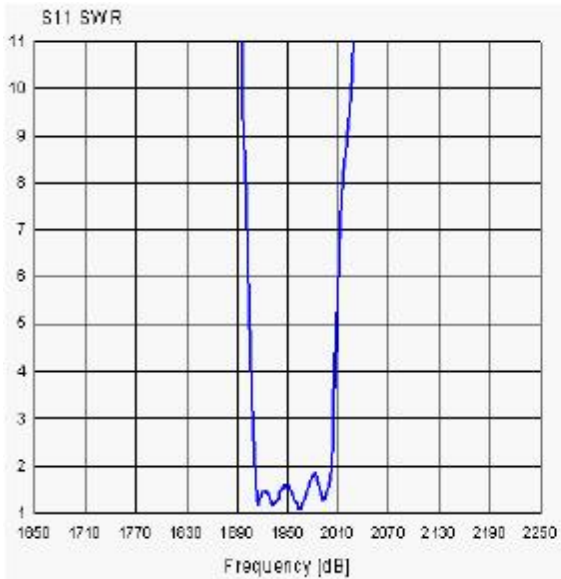


Load/ Source Impedance = 50ohms

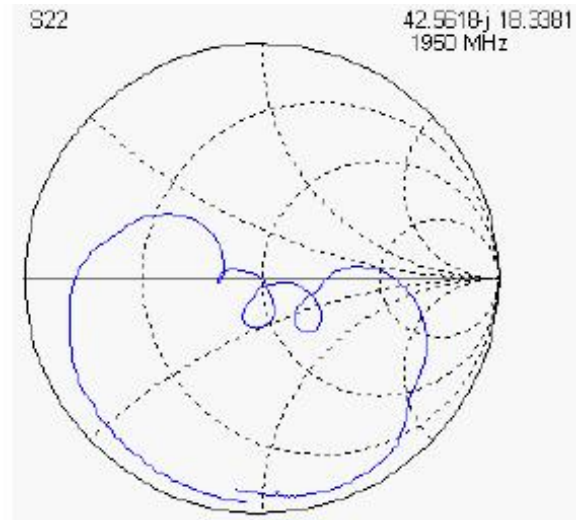
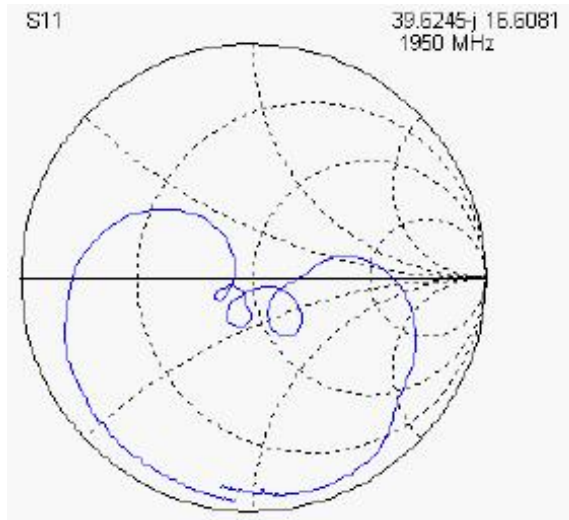
FREQUENCY RESPONSE



VSWR



SMITH CHART



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Part No.: 802-RF1950.0M-A