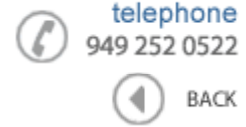




Data Sheet



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
802-RF1880.0M-A	3.0 x 3.0 SMD	US-PCS	Mar. 2, 2007

TYPE :

US-PCS, RF-Tx SAW Filter



PART NUMBER :

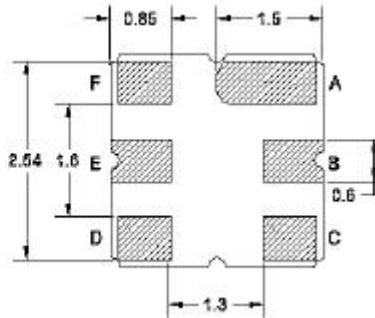
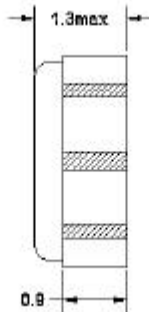
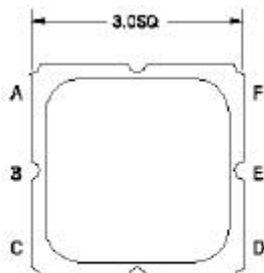
802-RF1880.0M-A

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	1880.0	-	MHz
Maximum Insertion Loss	1850.0~ 1910.0 MHz	-	3.0	4.0	dB
Attenuation:	D.C.~ 1600.0 MHz	20	32	-	dB
	1600.0~ 1721.0 MHz	25	32	-	
	1721.0~ 1800.0MHz	20	37	-	
	1930.0~ 1990.0 MHz	7	19	-	
	2000.0~ 2040.0 MHz	25	37	-	
	2040.0~ 2480.0 MHz	31	38	-	
3700.0~ 3820.0 MHz	25	28	-	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	1850.0~ 1910.0 MHz	-	1.8	2.2	-
Amplitude Ripple	1850.0~ 1910.0 MHz	-	1.7	2.5	dBp-p
Maximum DC Voltage	-	-	-	5	V
Maximum Input Power	-	-	-	10	dBm
Operating Temperature	-	-30	-	+85	°C

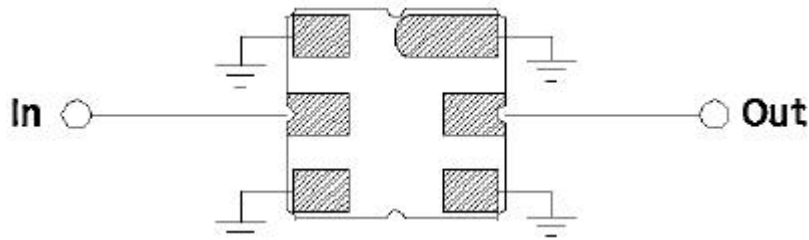
* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

PACKAGE OUTLINE (mm)



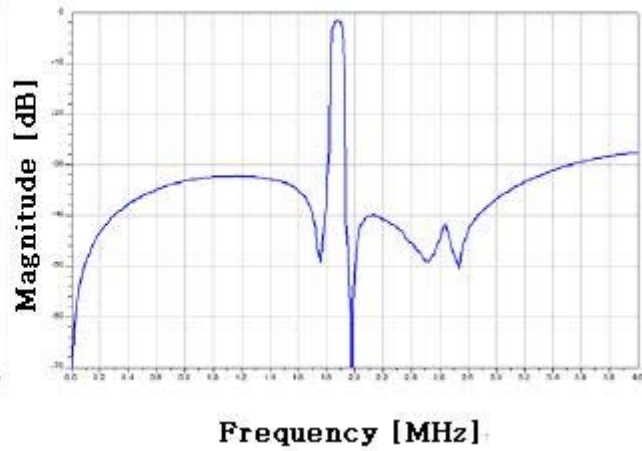
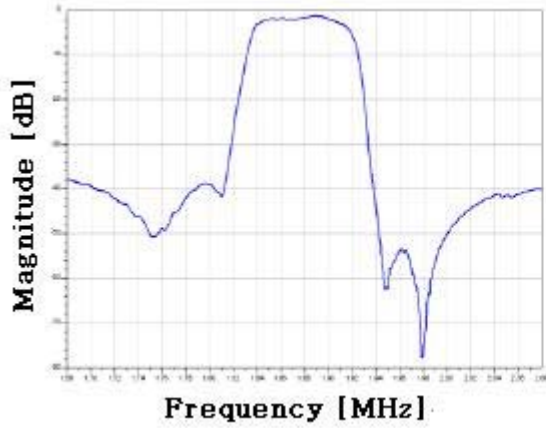
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

TEST FIXTURE

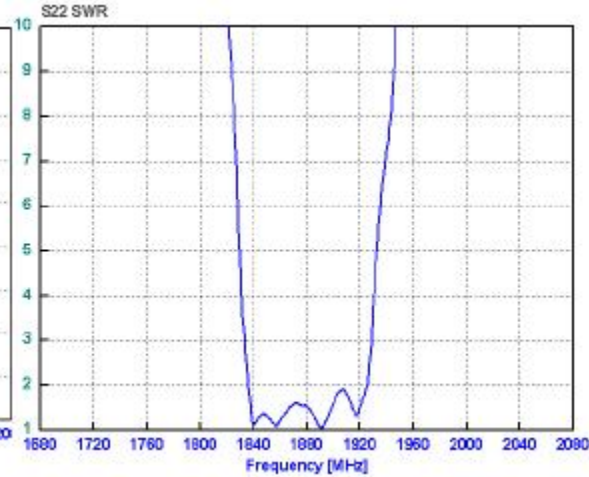
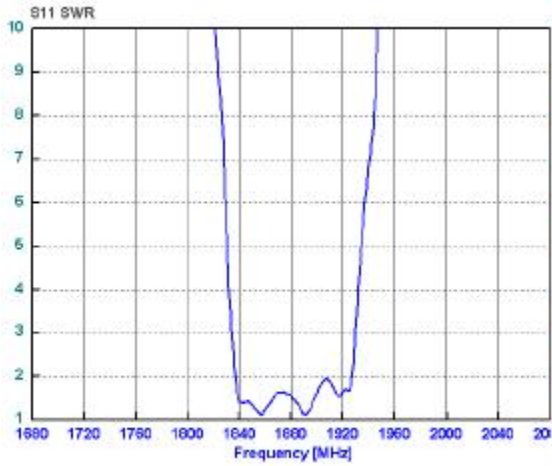


Load/ Source Impedance = 50 ohms

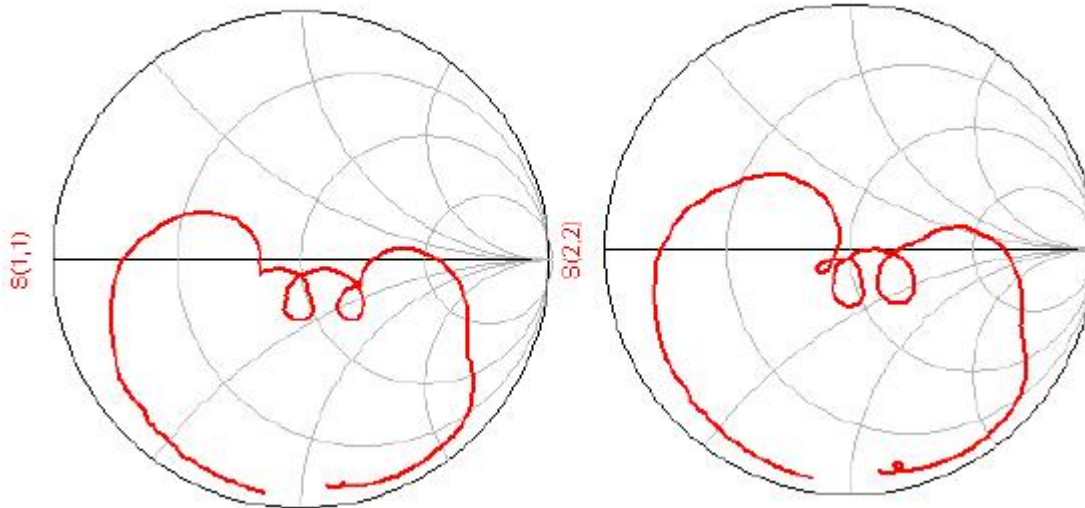
FREQUENCY RESPONSE



VSWR



SMITH CHART



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Fax: 949.252.0599 . E-Mail: Sales@Oscilent.com

Part No.: 802-RF1880.0M-A