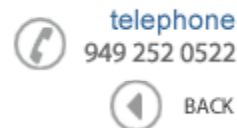


**Data Sheet**

Product Category: RF SAW Filter

Part Number
802-RF902.5M-BPackage
3.0 x 3.0 SMDApplication
GSM SystemLast Modified
Jan. 10 2003**TYPE :**

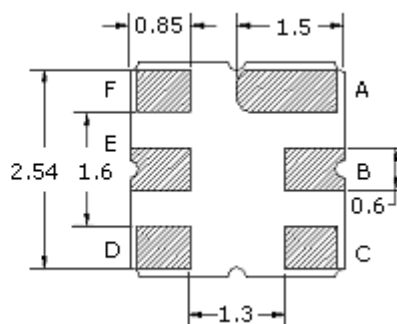
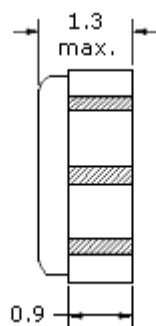
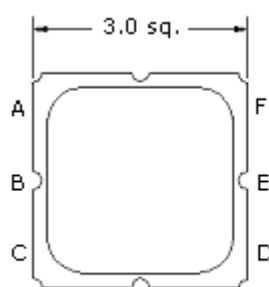
902.5 MHz RF SAW Filter

**PART NUMBER :****802-RF902.5M-B****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency	-	-	902.5	-	MHz
Insertion Loss	890.0 ~ 915.0 MHz	-	3.0	3.5	dB
DC Voltage	-	-	-	0	V
Input Power	-	-	-	10	dBm
Operating Temperature	-	-25	-	+75	°C
Storage Temperature	-	-40	-	+85	°C
Ripple	890.0 ~ 915.0 MHz	-	0.8	1.5	dB
Stopband Attenuation	DC ~ 845MHz	48.0	52.0	-	dB
	845.0 ~ 870.0 MHz	40.0	45.0	-	
	925.0 ~ 935.0 MHz	5.0	15.0	-	
	935.0 ~ 980.0 MHz	25.0	32.0	-	
	980.0 ~ 1200.0 MHz	45.0	49.0	-	
	1200.0 ~ 3000.0 MHz	25.0	38.0	-	
VSWR	890.0 ~ 915.0 MHz	-	1.8	2.3	-
Terminating Impedance	-	-	50	-	ohm

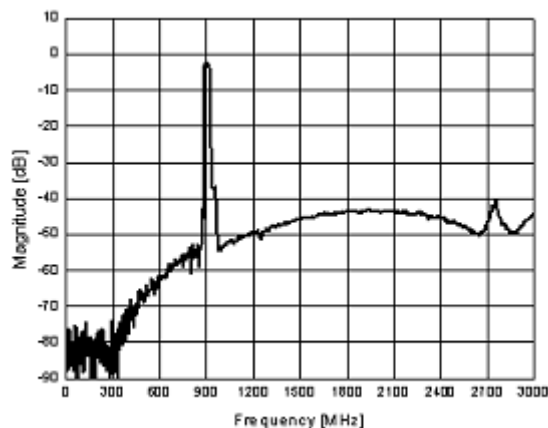
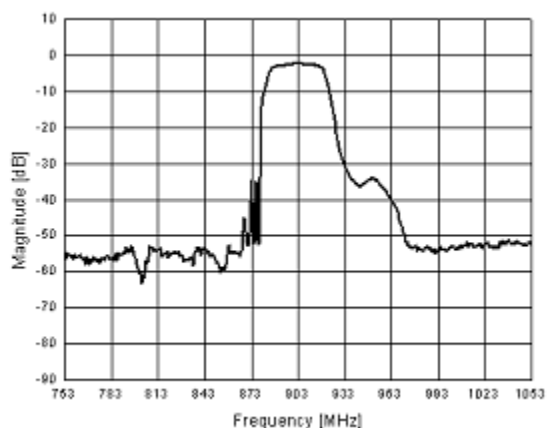
* Maximum Rating (Ta=25°C)

** Custom SAW RF Filters available. Contact Oscilent for assistance.

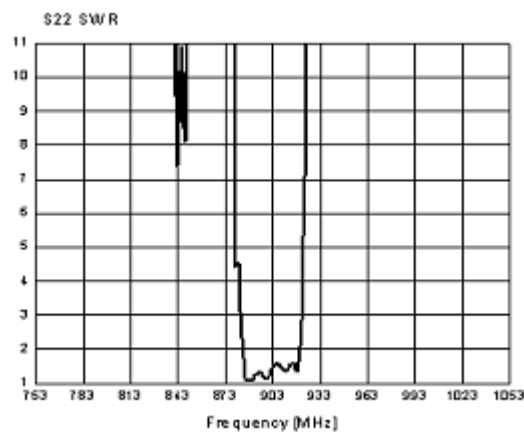
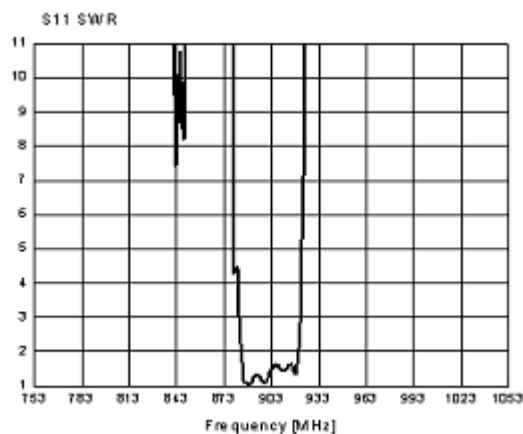


Pin Layout	
A	Ground
B	Output
C	Ground
D	Ground
E	Input
F	Ground

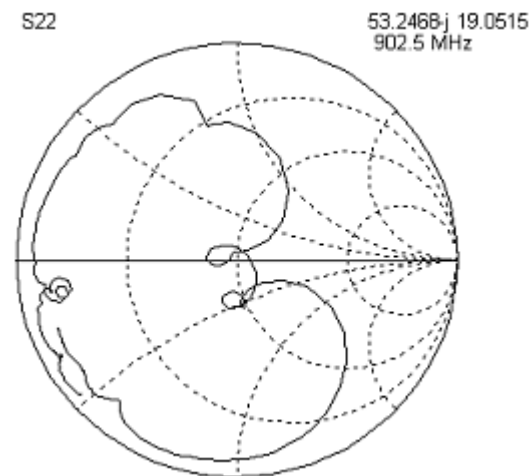
Frequency Resonse



VSWR (S11, S22)



Smith Chart



Oscilent Corporation - CALL **949.252.0522**

17962 Sky Park Circle . Building D . Irvine . CA 92614 . USA

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

Part No.: 802-RF902.5M-B