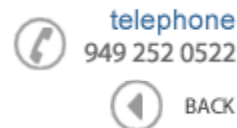


**Data Sheet**

Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
863-RF1090.0M-A	3.8 x 3.8 SMD	Wireless, Balanced	Jan. 01, 2007

TYPE :

1090.0 MHz RF SAW Filter



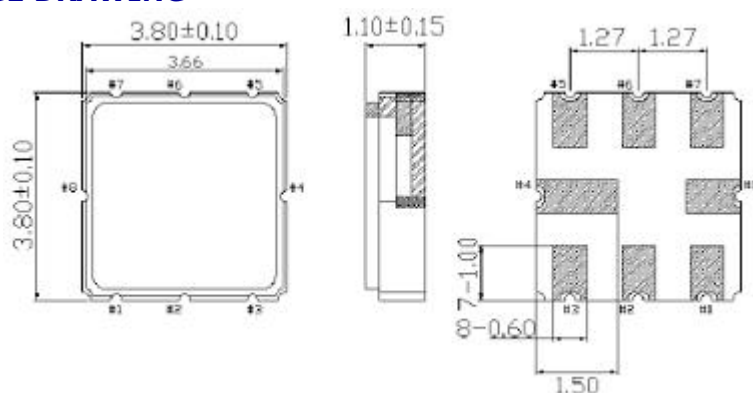
PART NUMBER :

863-RF1090.0M-A**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency	-	-	1090.0	-	MHz
Insertion Loss	1084 ~ 1096 MHz	-	3.9	5.3	dB
DC Voltage	-	-	-	0	V
Input Power	-	-	-	0	dBm
Operating Temperature	-	0	-	85	°C
Amplitude Ripple	1084 ~ 1096 MHz	-	0.6	1.5	dBp-p
Stopband Attenuation	500 ~ 924 MHz	45.0	48.0	-	dB
	924 ~ 944 MHz	45.0	50.0	-	
	944 ~ 1051 MHz	40.0	47.0	-	
	1051 ~ 1061 MHz	30.0	36.0	-	
	1170 ~ 2000 MHz	40.0	43.0	-	
Source Impedance	balanced ended*	-	50	-	ohm
Load Impedance	balanced ended*	-	50	-	ohm

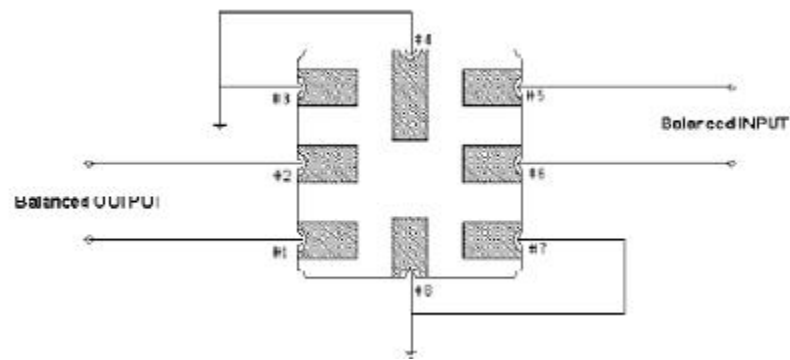
* With Matching Network ((Ref. Testing Environment Circuit as shown)

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

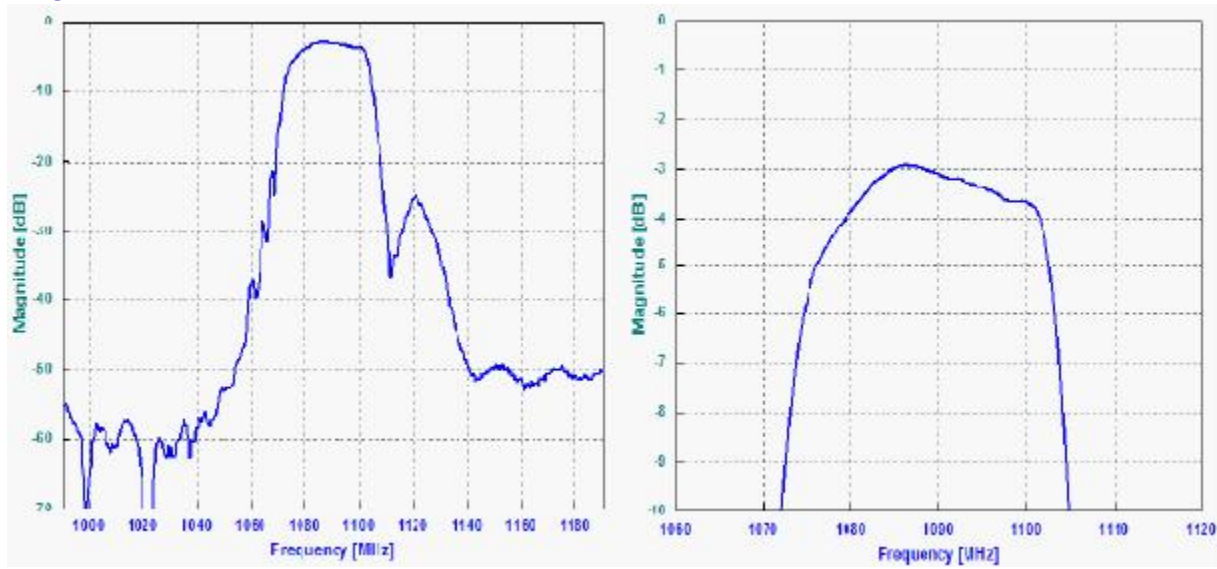
PACKAGE DRAWING

Pin Layout	
1	Balanced Out
2	Balanced Out
3	Ground
4	Ground
5	Input
6	Input
7	Ground
8	Ground

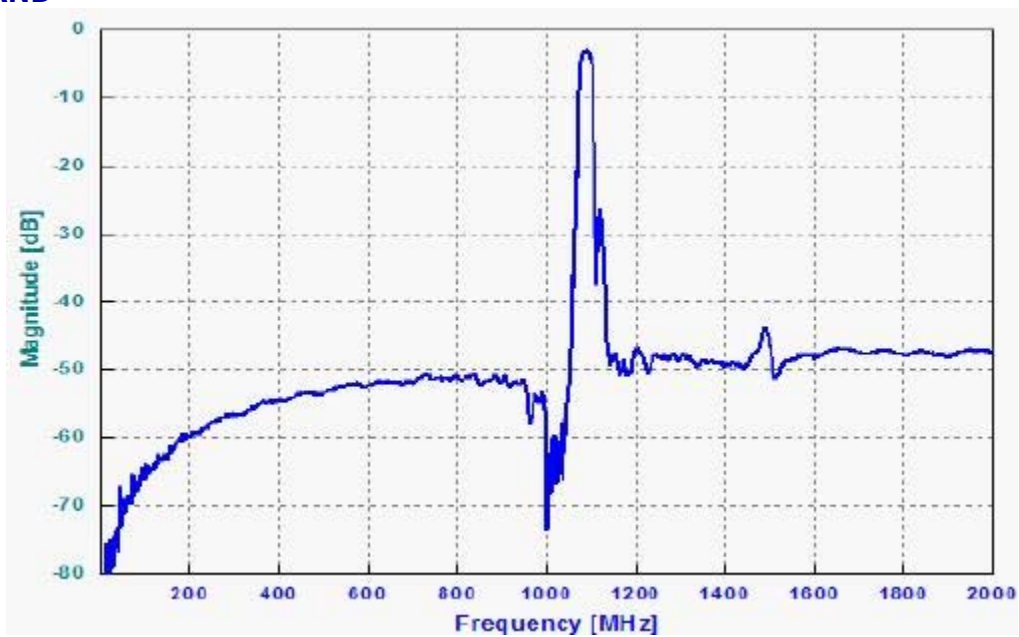
TEST CIRCUIT



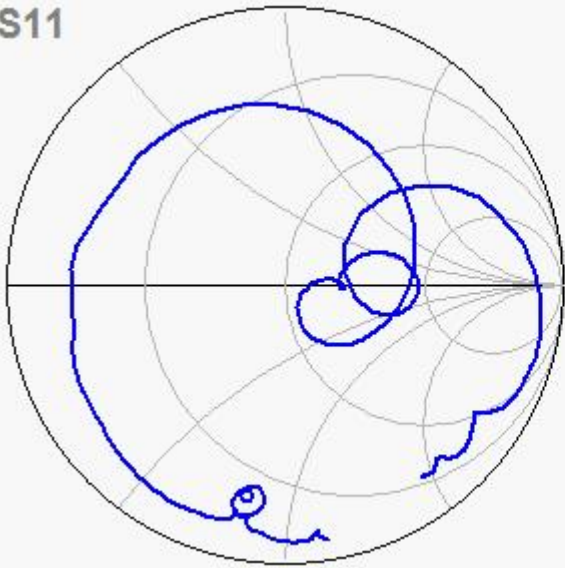
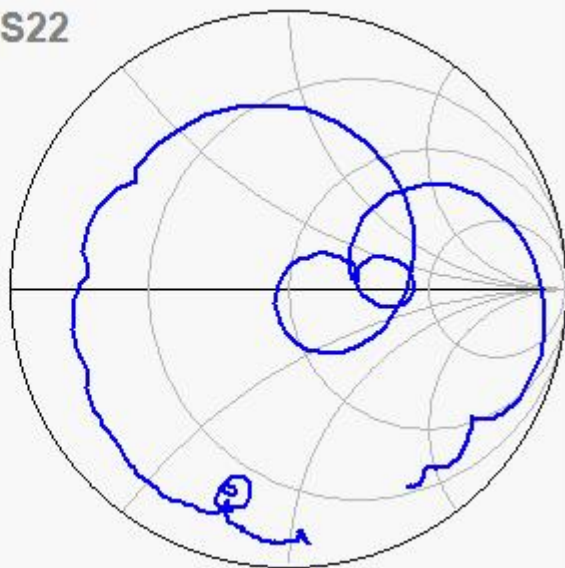
FREQUENCY RESPONSE



WIDEBAND



SMITH CHART

S11**S22**

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Part No.: 863-RF1090.0M-A