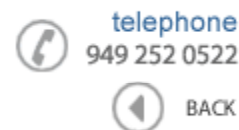


**Data Sheet**

Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
803-RF746.0M-A	3.8 x 3.8 SMD	Wireless	Jan. 01, 2007

TYPE :

746.0 MHz RF SAW Filter



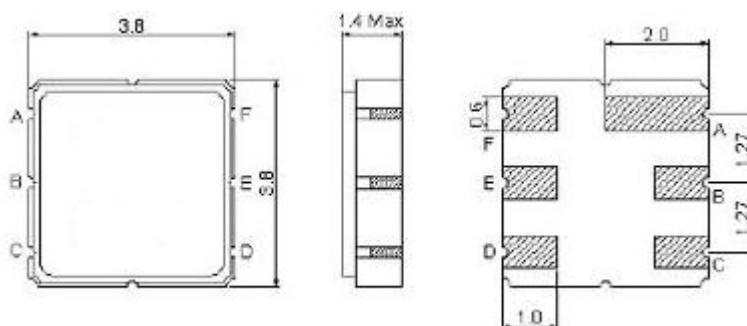
PART NUMBER :

803-RF746.0M-A**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency	-	-	746.0	-	MHz
Insertion Loss	740.0 ~ 752.0MHz	-	2.0	3.0	dB
Input Power	-	-	-	0	dBm
Operating Temperature	-	-10	-	+60	°C
Storage Temperature	-	-40	-	+85	°C
Amplitude Ripple	740.0 ~ 752.0 MHz	-	0.5	1.5	dB
Attenuation	~ Fo - 40 MHz	45	55	-	dB
	Fo + 60 MHz ~	45	55	-	
Absolute Group Delay at Fo	-	-	45	-	nsec
Group Delay Variation	740.0 ~ 752.0 MHz	-	15	-	nsec
VSWR	740.0 ~ 752.0 MHz	-	1.5	2.5	-
Source Impedance	single ended*	-	50	-	ohm
Load Impedance	single ended*	-	50	-	ohm

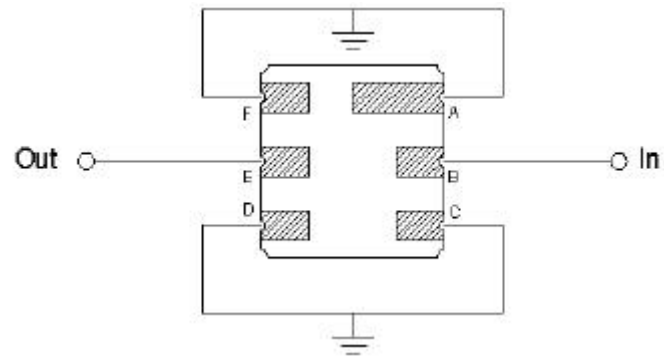
* No Matching Network ((Ref. Testing Environment Circuit as shown)

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

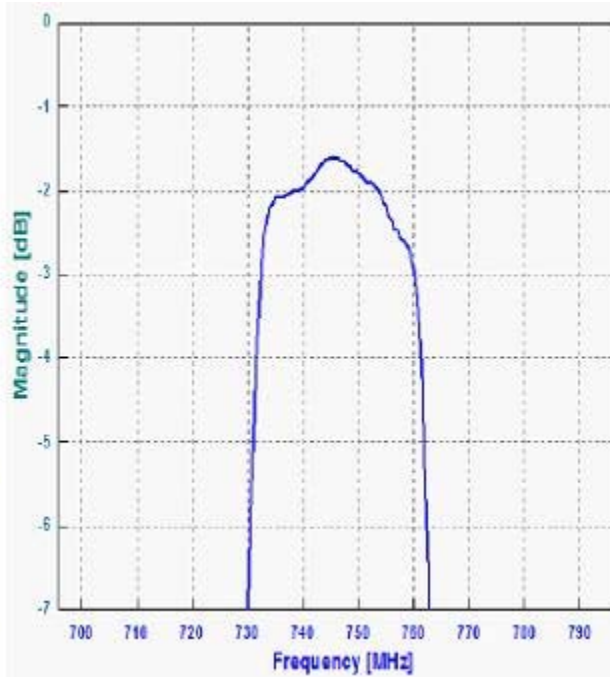
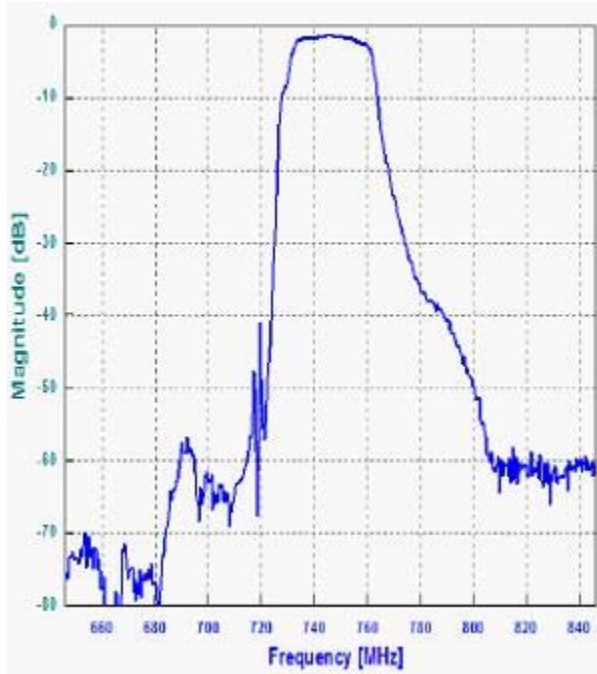


Pin Layout	
A	Ground
B	Input
C	Ground
D	Ground
E	Output
F	Ground

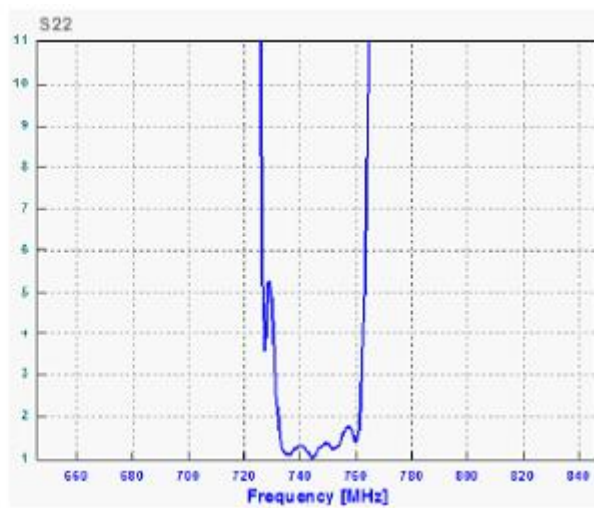
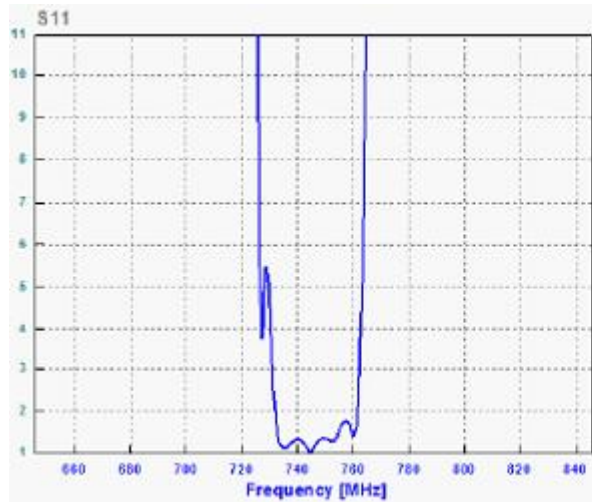
Test Fixture



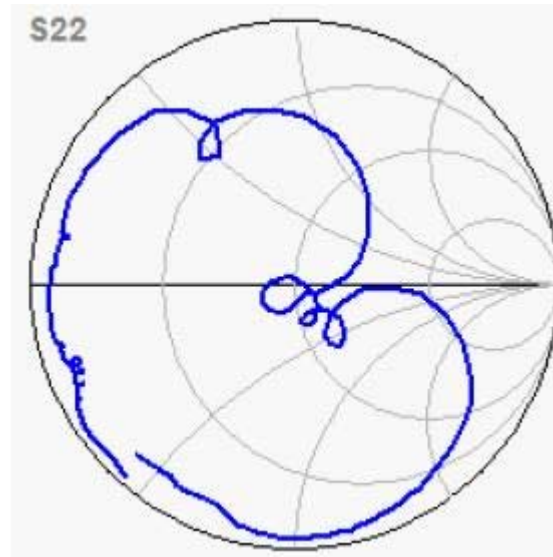
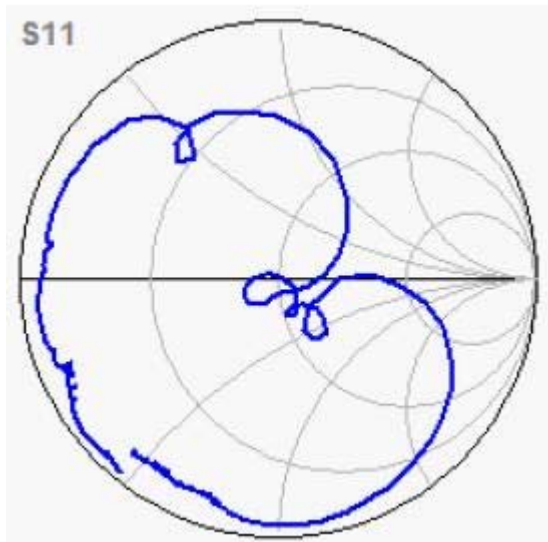
FREQUENCY RESPONSE



VSWR



SMITH CHART



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Part No.: **803-RF746.0M-A**