



Data Sheet



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
803-RF718.0M-A	3.8 x 3.8 SMD	Wireless	Jan. 01, 2007

TYPE :
718.0 MHz RF SAW Filter

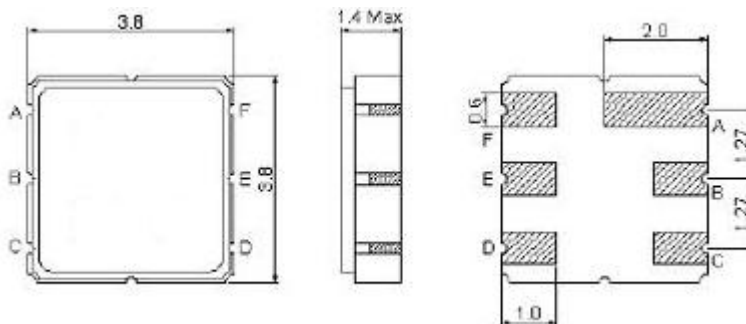


PART NUMBER :
803-RF718.0M-A

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

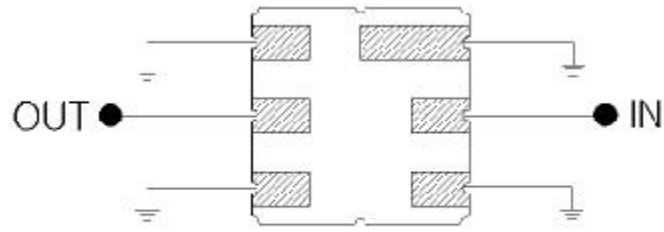
PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency	-	-	718.0	-	MHz
Insertion Loss	714.0 ~ 722.0MHz	-	3.0	4.0	dB
Operating Temperature	-	0	-	+50	°C
Amplitude Ripple	714.0 ~ 722.0 MHz	-	0.5	1.5	dB
Attenuation:	673~677 MHz	45	50	-	dB
	695~698 MHz	40	50	-	
	740~741 MHz	20	28	-	
	759~764 MHz	45	55	-	
Return Loss	714.0 ~ 722.0 MHz	10	15	-	nsec
Maxium DC Voltage	-	-	-	5	V
Maxium Input Power	-	-	-	15	dBm
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.



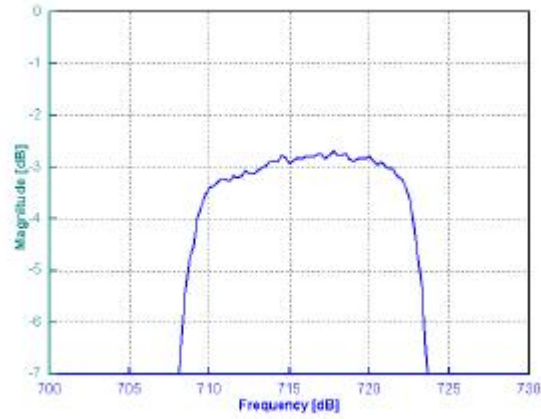
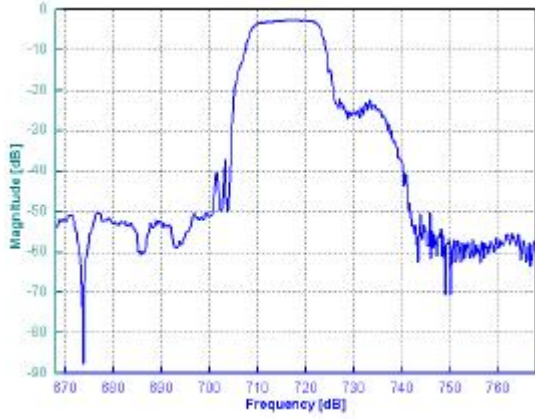
Pin Layout	
A	Ground
B	Input
C	Ground
D	Ground
E	Output
F	Ground

Test Fixture

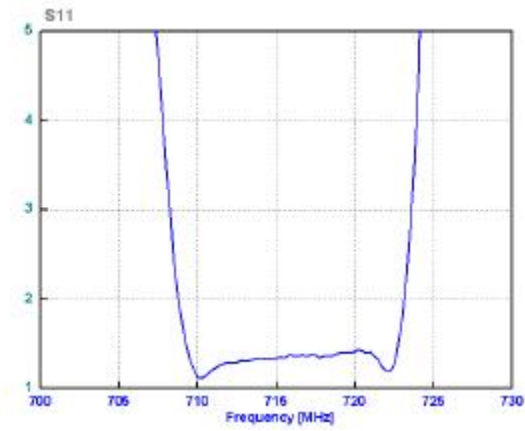
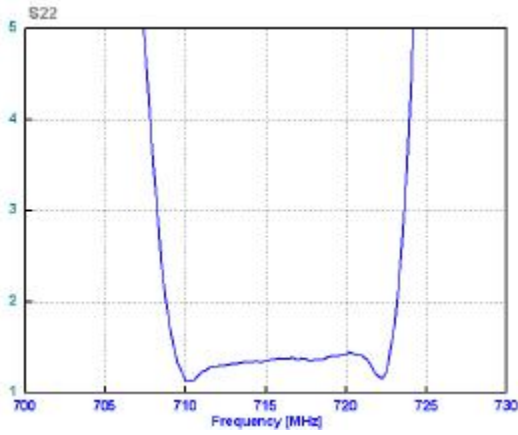


Source & Load Impedance: 50 Ω

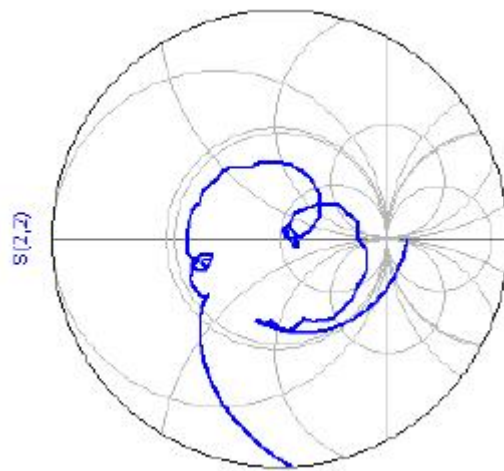
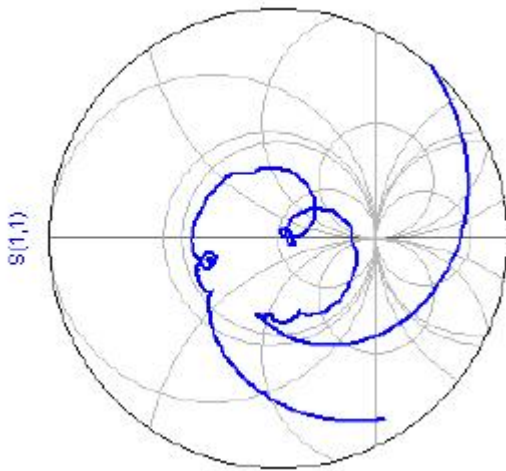
FREQUENCY RESPONSE



VSWR



SMITH CHART



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Part No.: 803-RF718.0M-A