



Data Sheet



Product Category: RF SAW Filter

Part Number
802-RF1842.5M-A

Package
3.0 x 3.0 SMD

Application
PCN System

Last Modified
Apr. 12 2003

TYPE :
1842.5 MHz RF SAW Filter

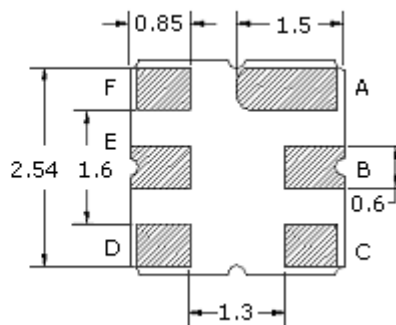
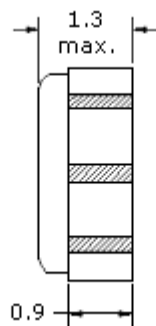
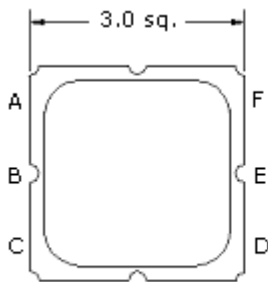
PART NUMBER :
802-RF1842.5M-A



OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

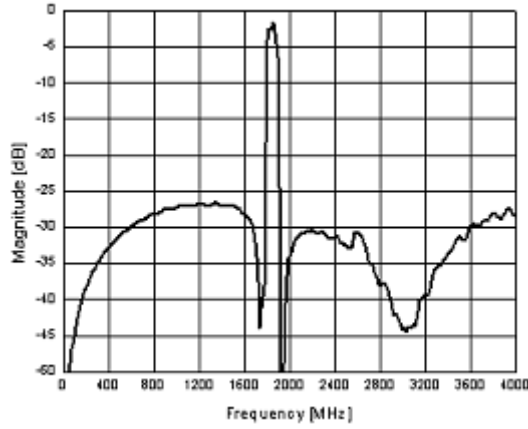
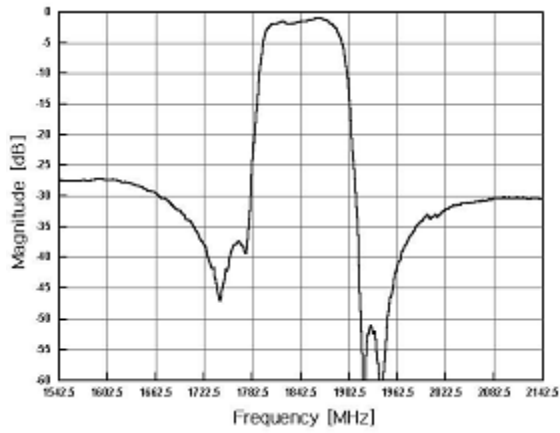
PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency	-	-	1842.5	-	MHz
Insertion Loss	1805.0 ~ 1880.0 MHz	-	2.3	4.0	dB
DC Voltage	-	-	-	0	V
Input Power	-	-	-	10	dBm
Operating Temperature	-	-30	-	+85	°C
Storage Temperature	-	-40	-	+85	°C
Ripple	1805.0 ~ 1880.0 MHz	-	1.3	2.5	dB
Stopband Attenuation	DC ~ 1500.0MHz	20.0	25.0	-	dB
	1600.0 ~ 1710.0 MHz	22.0	27.0	-	
	1710.0 ~ 1785.0 MHz	10.0	18.0	-	
	1920.0 ~ 3120.0 MHz	25.0	30.0	-	
	3120.0 ~ 4000.0 MHz	17.0	26.0	-	
VSWR	1805.0 ~ 1880.0 MHz	-	2.0	2.5	-
Terminating Impedance	-	-	50	-	ohm

* Maximum Rating (Ta=25°C)
** Custom SAW RF Filters available. Contact Oscilent for assistance.

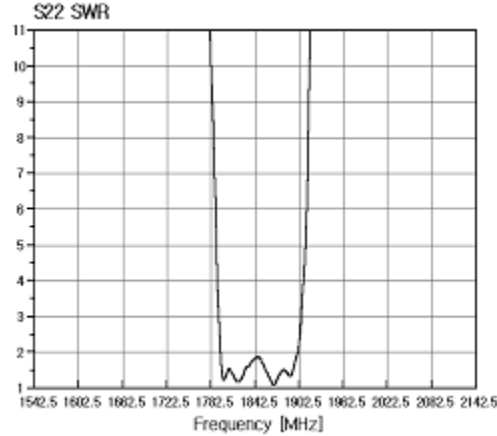
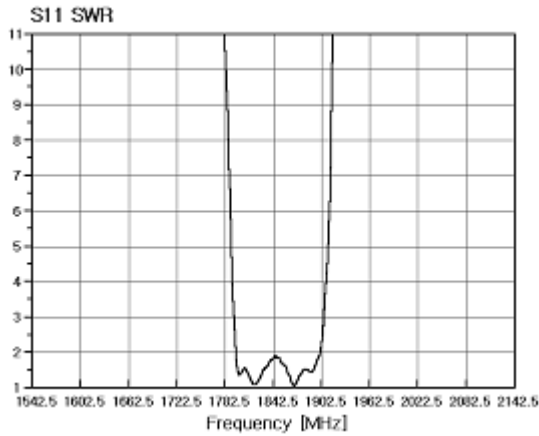


Pin Layout	
A	Ground
B	Output
C	Ground
D	Ground
E	Input
F	Ground

Frequency Reponse

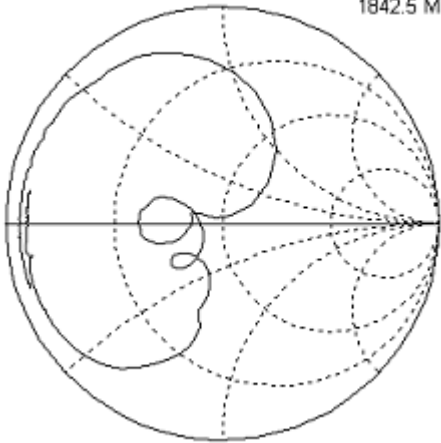


VSWR (S11, S22)

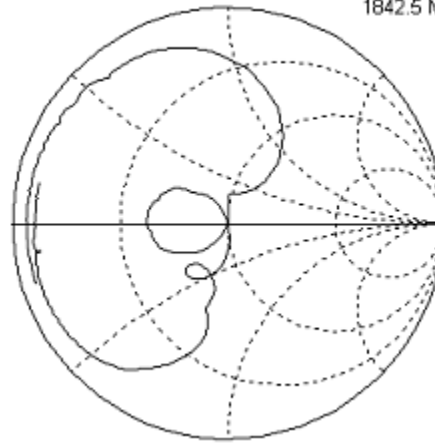


Smith Chart

S11 $22.1734 + j2.1909$
1842.5 MHz



S22 $22.7987 + j2.9906$
1842.5 MHz



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