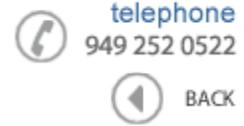




**Data Sheet**



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
803-RF413.7M-A	3.8 x 3.8 SMD	CDMA450 Tx	Jan. 01, 2007

TYPE :  
CDMA450 (D-Band), RF-Tx SAW Filter



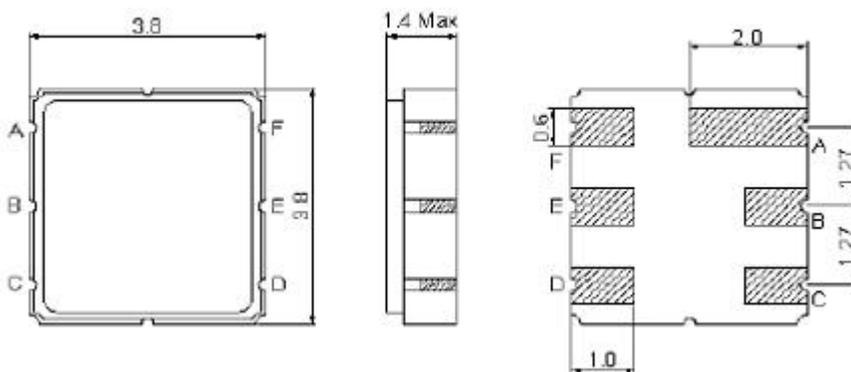
PART NUMBER :  
**803-RF413.7M-A**

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	413.7	-	MHz
Maximum Insertion Loss	411.6 ~ 415.9 MHz	-	1.8	2.8	dB
Stop Band Attenuation:	0.3 ~ 400.0 MHz	25	27	-	dB
	421.6 ~ 425.9 MHz	30	50	-	
	425.9 ~ 1700.0MHz	23	27	-	
	1700.0~ 2000.0 MHz	18	21	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	411.6 ~ 415.9 MHz	-	1.5	2.0	-
Maximum Input Power	-	-	-	30	dBm
Operating Temperature	-	-30	-	+80	°C

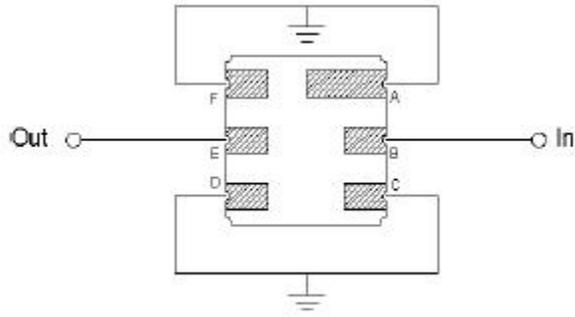
\* No Matching Network

**PACKAGE OUTLINE (mm)**



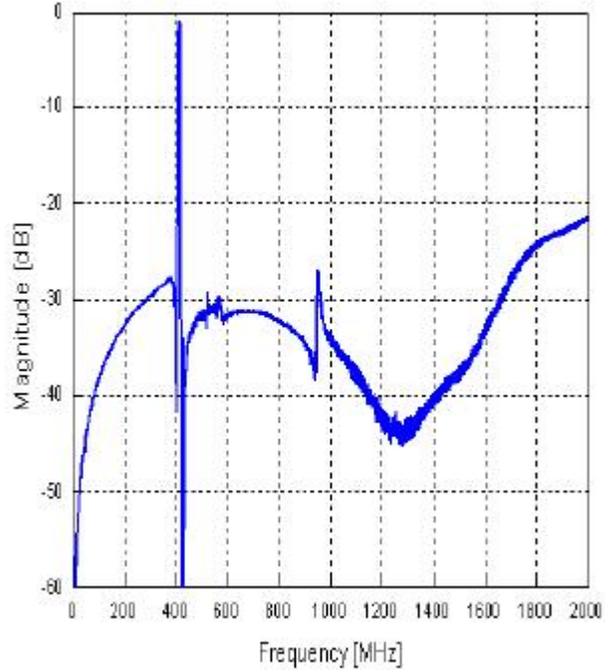
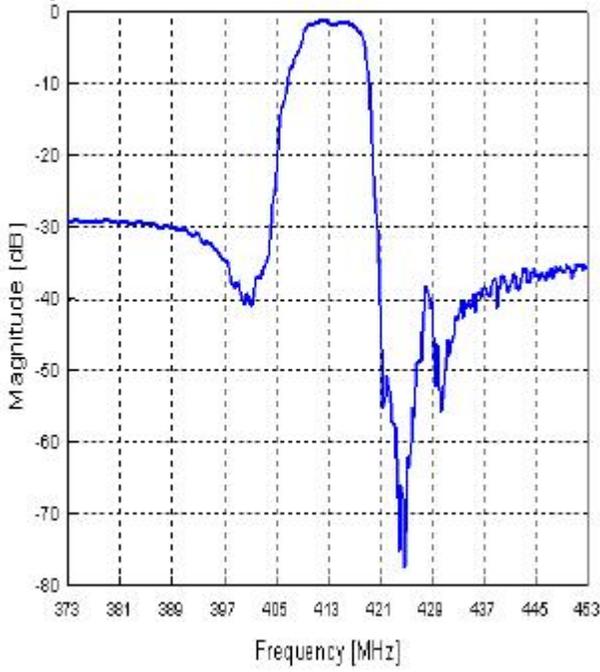
PIN LAYOUT	
A	Ground
B	In
C	Ground
D	Ground
E	Out
F	Ground

**TEST FIXTURE**

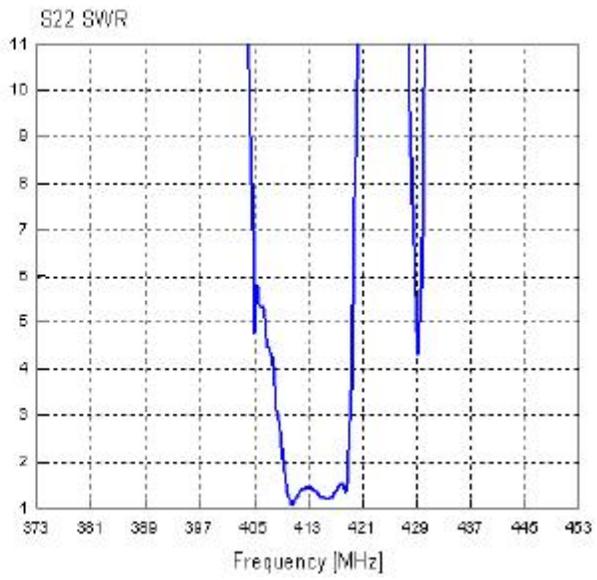
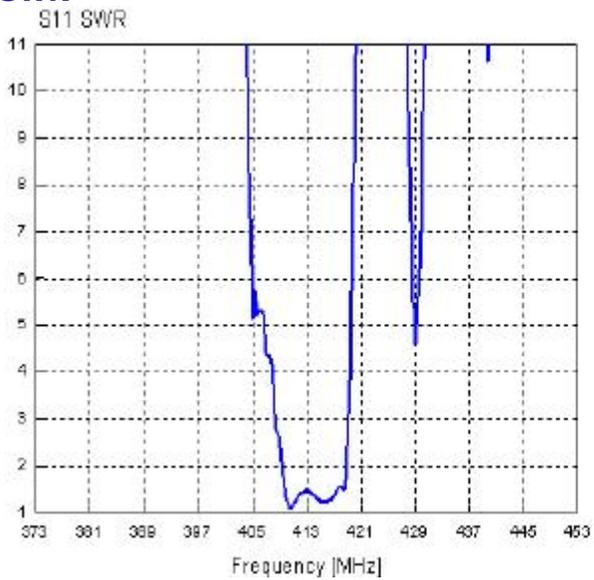


Source/ Load Impedance = 50 ohms

**FREQUENCY RESPONSE**



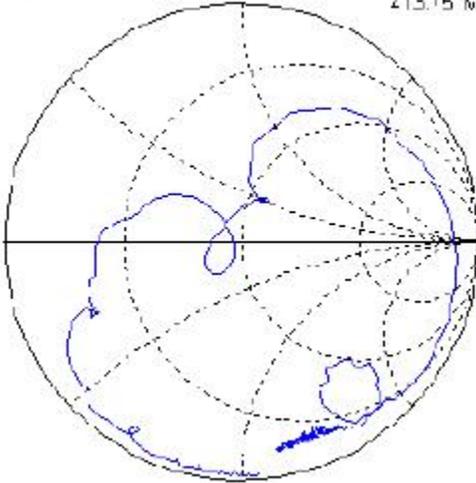
**VSWR**



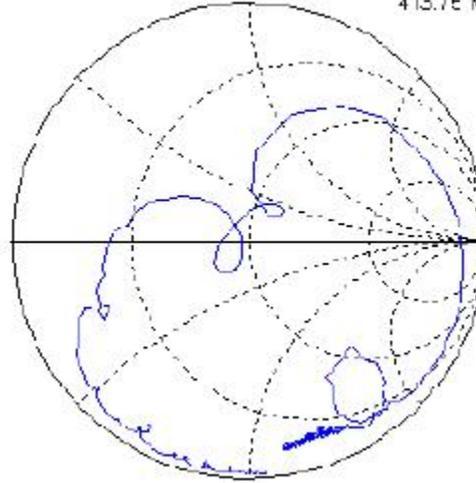
**SMITH CHART**

S11

36.2E34-j 6.6533 S22  
413.75 MHz



36.5415-j 6.7339  
413.75 MHz



**Oscilent Corporation** - CALL **949.252.0522**  
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Fax: 949.252.0599 , E-Mail: Sales@Oscilent.com

**Part No.:** 803-RF413.7M-A