



Part Number	Package	Application	Last Modified
860-RF836.5M-F	1.6 x 2.0 SMD	CDMA	Mar.10, 2007

TYPE :
CDMA, RF-Tx SAW Filter

PART NUMBER :
860-RF836.5M-F

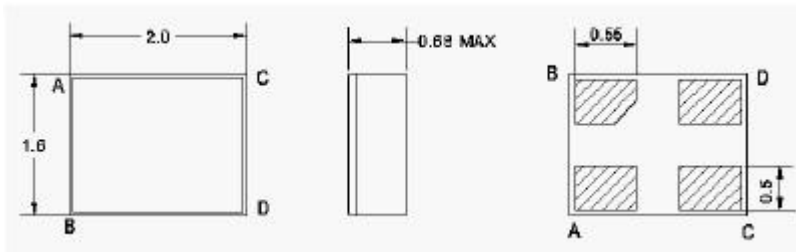


OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	836.5	-	MHz
Maximum Insertion Loss	824.0~ 849.0 MHz	-	2.1	2.9	dB
Attenuation:	DC ~ 770 MHz	30	35	-	dB
	770 ~ 804 MHz	32	36	-	
	869 ~ 894 MHz	40	47	-	
	894 ~ 1080 MHz	33	36	-	
	1080 ~ 1500 MHz	32	35	-	
	1500 ~ 2000 MHz	34	38	-	
2000 ~ 2600 MHz	28	33	-	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	824.0~ 849.0 MHz	-	1.9	2.2	dBp-p
Amplitude Ripple	824.0~ 849.0 MHz	-	0.7	1.4	dBp-p
Maximum DC Voltage	-	-	-	5	V
Maximum Input Power	-	-	-	15	dBm
Operating Temperature	-	-30	-	+85	°C

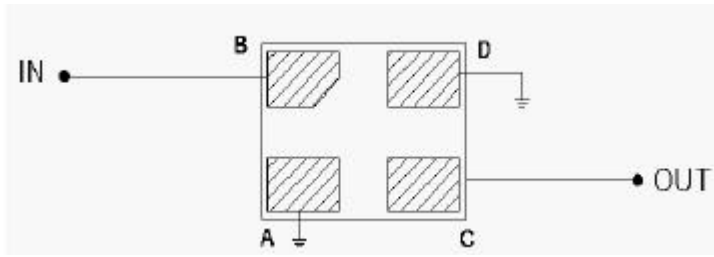
* No Matching Network(Ref. Testing Environment Circuit as shown below)

PACKAGE OUTLINE (mm)



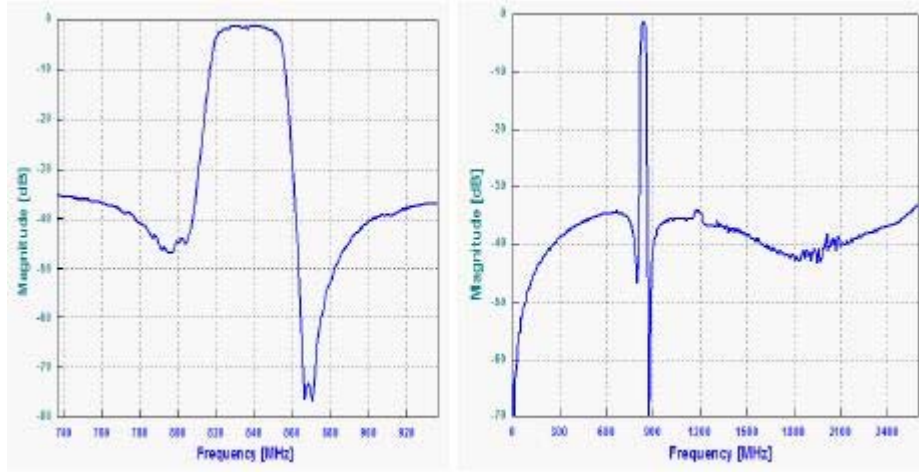
PIN LAYOUT	
A	Ground
B	In
C	Out
D	Ground

TEST FIXTURE

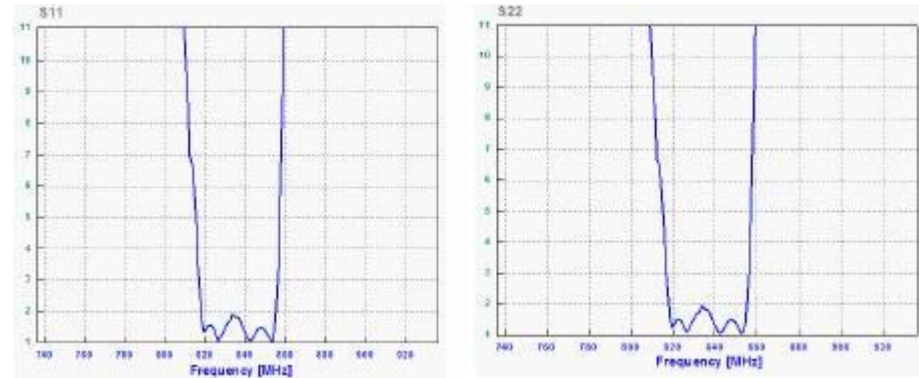


Load/ Source Impedance = 50 ohms

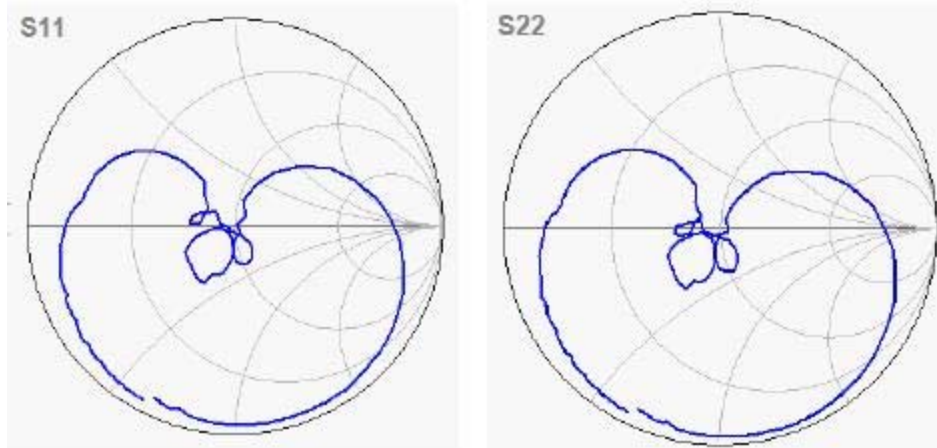
FREQUENCY RESPONSE



VSWR



SMITH CHART



Part No.: 860-RF836.5M-F

Oscilent Corporation - CALL **949.252.0522**

18195 East McDermott Street , Building D , Irvine , CA 92614 , USA
Fax: 949.252.0599 , E-Mail: Sales@Oscilent.com

[Crystal Oscillators](#) | [Quartz Crystal](#) | [TCXO](#) | [VCXO](#) | [IF SAW Filter](#) | [RF SAW Filter](#) | [Ceramic Resonator](#)
[Crystal Filter](#) | [Ceramic Filter](#) | [SAW Filter / SAW Devices](#) | [Site Map](#)