



**Data Sheet**



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
862-RF427.75M-A	3.0 x 3.0 SMD	CDMA450(E-Band)	Jan. 01, 2007

TYPE :  
CDMA450(E-Band), Balanced RF-Rx SAW Filter



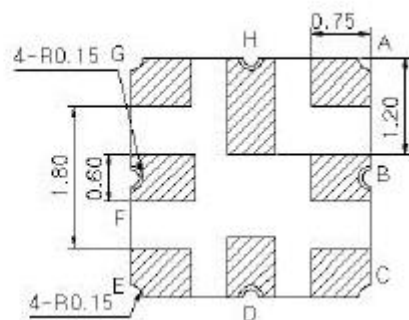
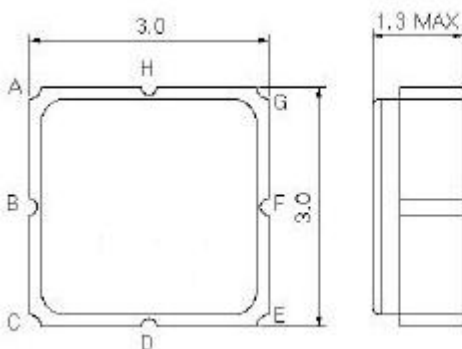
PART NUMBER :  
**862-RF427.75M-A**

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	427.75	-	MHz
Maximum Insertion Loss	425.5~ 430.0 MHz	-	2.3	4.5	dB
Stop Band Attenuation:	0.3~ 415.5 MHz	40	50	-	dB
	415.5~ 420.0 MHz	35	48	-	
	450.0~ 600.0MHz	35	40	-	
	600~ 1200.0 MHz	40	50	-	
	1200~ 2000.0 MHz	30	45	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (balanced ended)*	-	-	100	-	ohm
VSWR	425.5~ 430.0 MHz	-	1.7	2.4	-
Maximum Input Power	-	-	-	27	dBm
Operating Temperature	-	-30	-	+80	°C

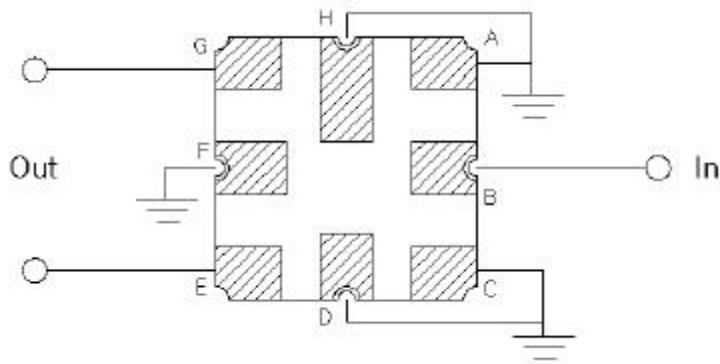
\* No Matching Network

**PACKAGE OUTLINE (mm)**



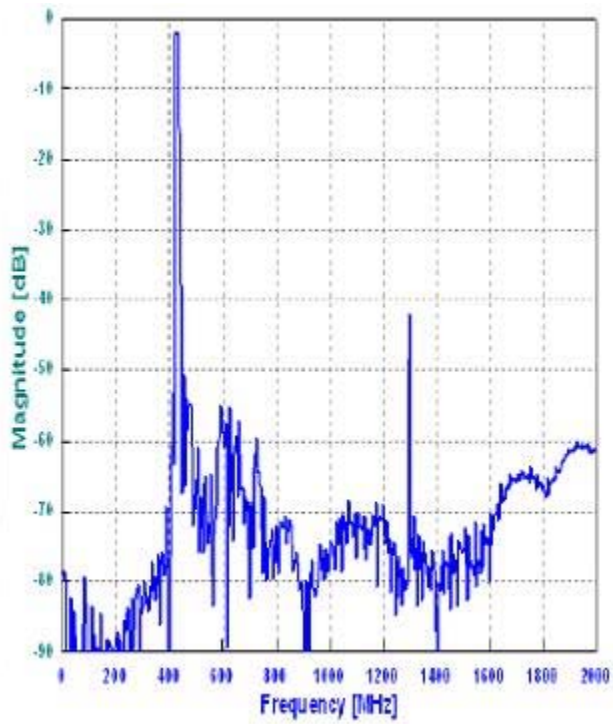
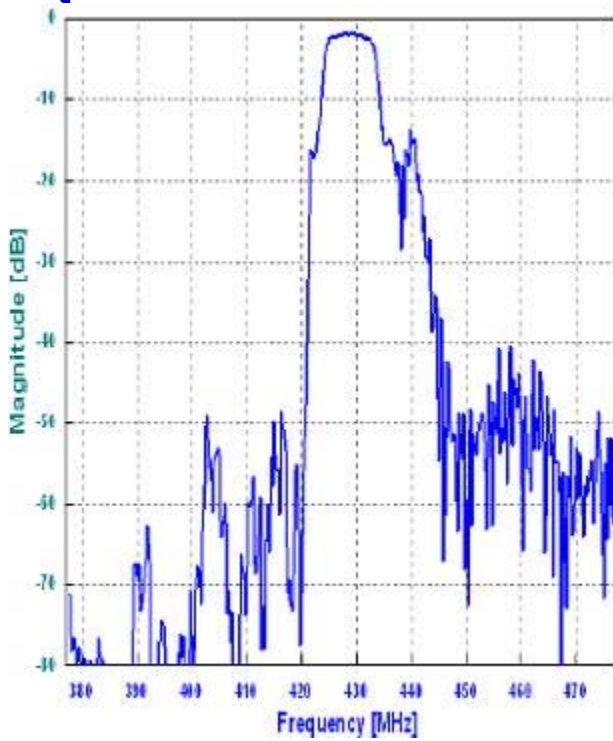
PIN LAYOUT	
A	Ground
B	In
C	Ground
D	Ground
E	Out
F	Ground
G	Out
H	Ground

**TEST FIXTURE**

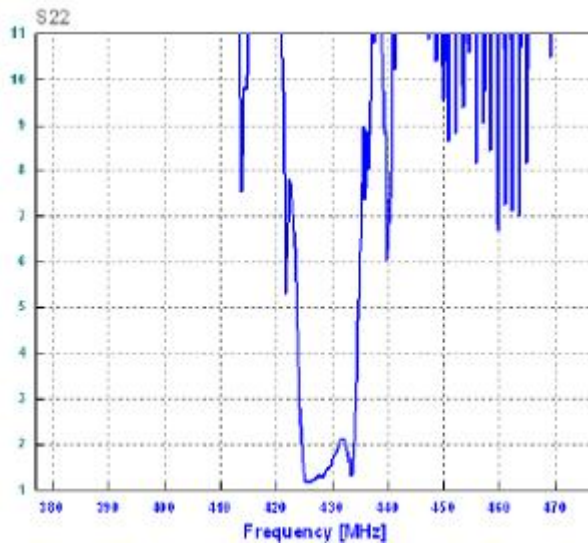
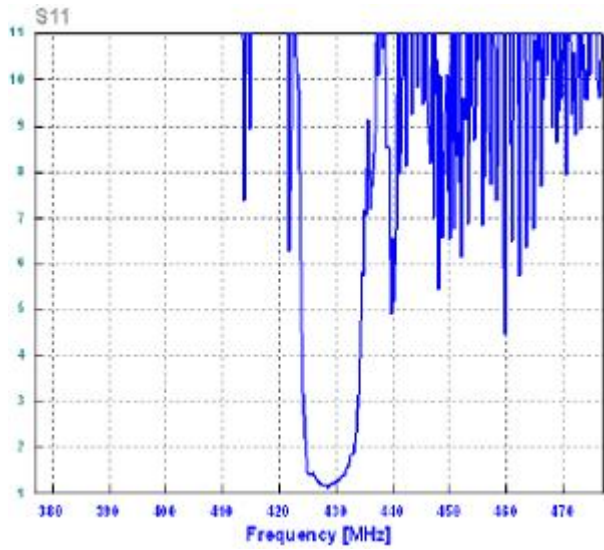


Load Impedance = 100 ohms  
 Source Impedance = 50 ohms

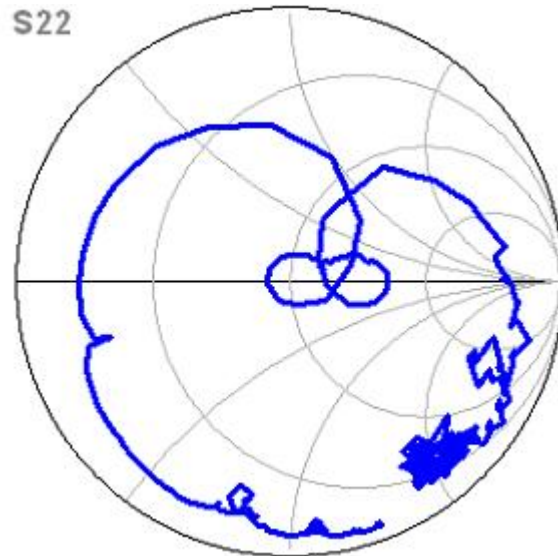
**FREQUENCY RESPONSE**



**VSWR**



**SMITH CHART**



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**Part No.:** 862-RF427.75M-A