



# PRODUCT SPECIFICATION

REV A January 2010

Oscilent Controlled Document

Ordering Code / Part Number	Product Description
862-RF467.6M-B	CDMA 450 G-Band, RF/Rx SAW Filter

## Specification Contents

- o Mechanical Dimensions
- o Test Circuit
- o Maximum Ratings
- o Electrical Specification
- o Frequency Performance
- o VSWR
- o Smith Chart

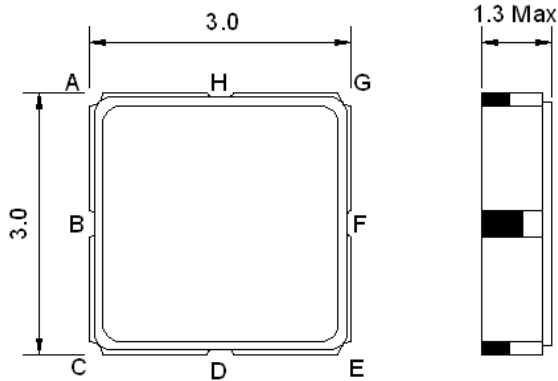
## Notes

- o Electrostatic Sensitive Device (ESD) 
- o Avoid excessive ultrasonic exposure
- o Solderability compatible with JEDEC J-STD-020C Pb-free process, 260°C peak reflow temperature
- o This product complies with EU directive 2002/95/EC (RoHS compliance)

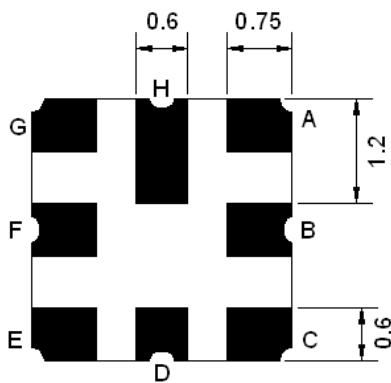




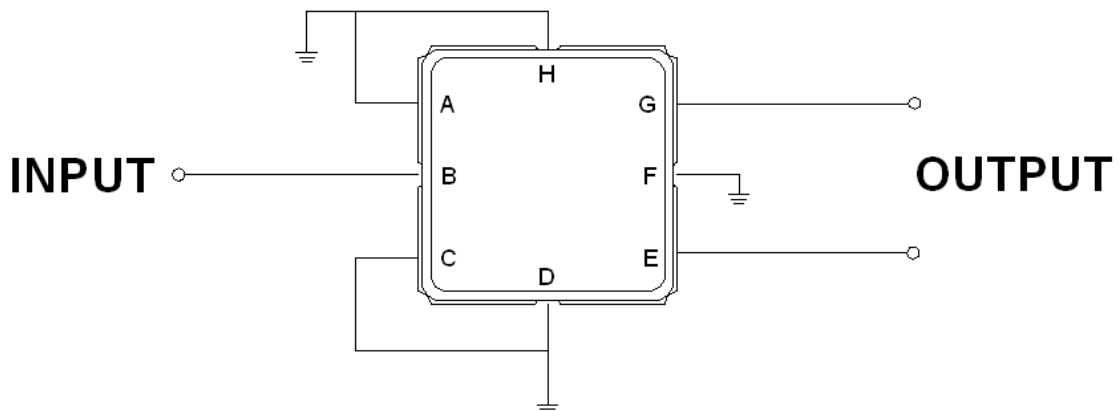
**Mechanical Dimensions (mm)**



Pin Description	
A, C, D, F, H	Ground
B	In
E, G	Out



**Test Circuit**



Source Impedance: 50 Ω

Load Impedance : 100 Ω

**Maximum Ratings**

Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (balanced ended) <sup>(1)</sup>	Ω	-	100	-

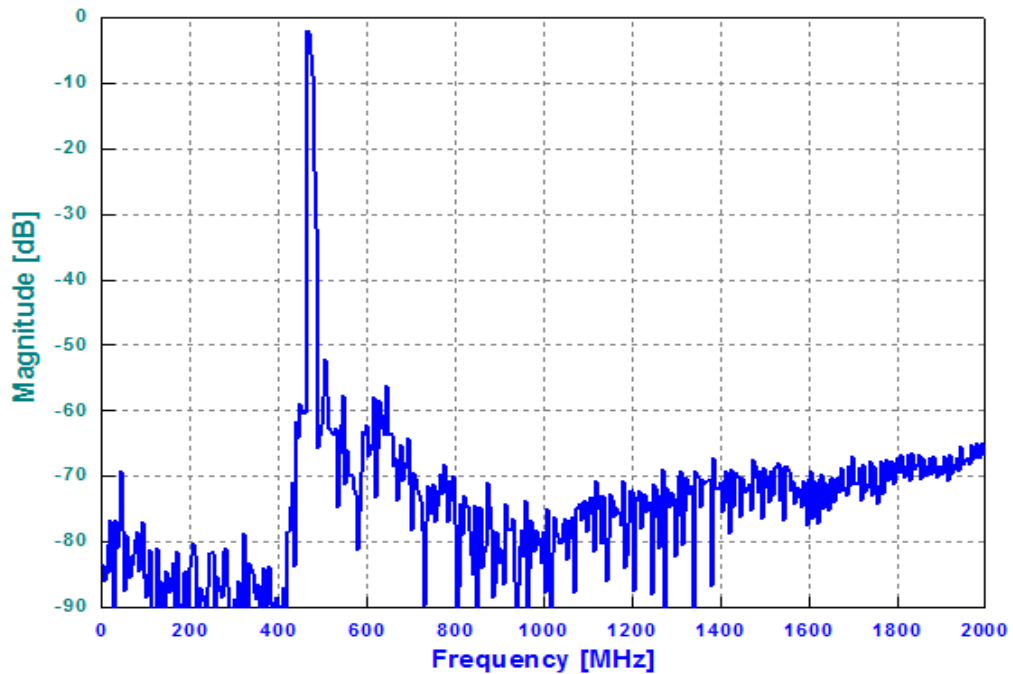
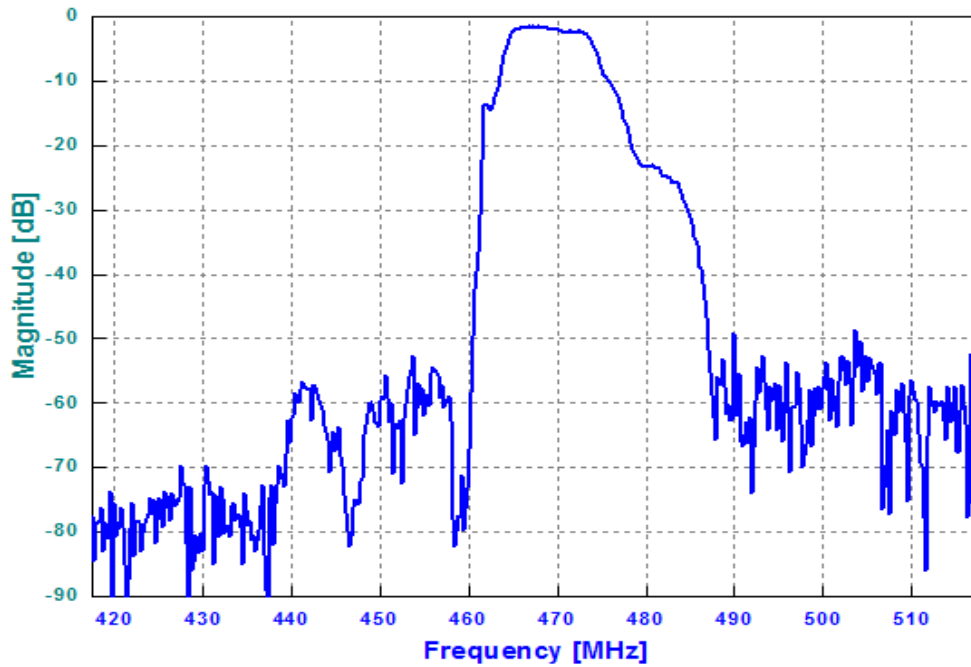
Notes: No Matching Network

**Electrical Specification**

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	467.6	-
Insertion Loss within 465.2 ~ 470.0 MHz	dB	-	2.4	4.0
Attenuation:				
0.3 ~ 455.2 MHz	dB	40	50	-
455.2 ~ 460.0 MHz	dB	35	49	-
490.0 ~ 700.0 MHz	dB	40	50	-
700.0 ~ 1200.0 MHz	dB	40	55	-
1200.0 ~ 2000.0 MHz	dB	35	50	-
VSWR within 465.2 ~ 470.0 MHz	-	-	2.0	2.5

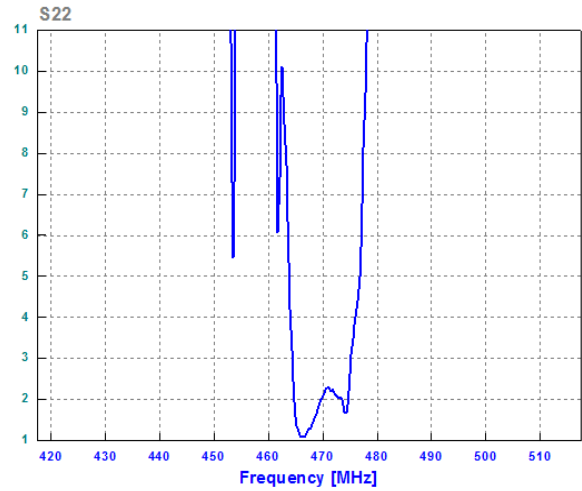
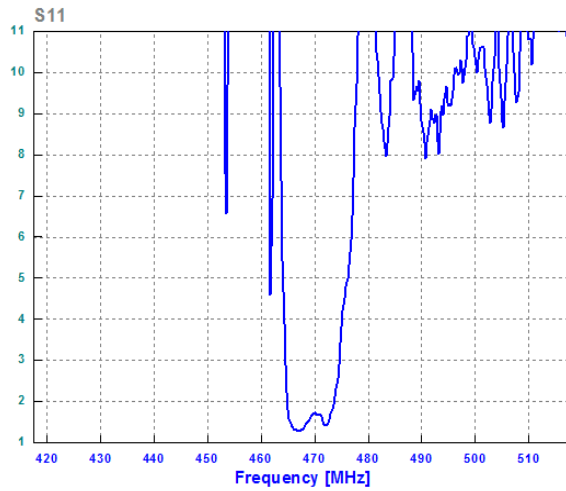


## Frequency Performance





### VSWR



### Smith Chart

