



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 465 MHz CDMA 450 A-Band RF-Rx Saw Filter

**Part Number: AM465S493**

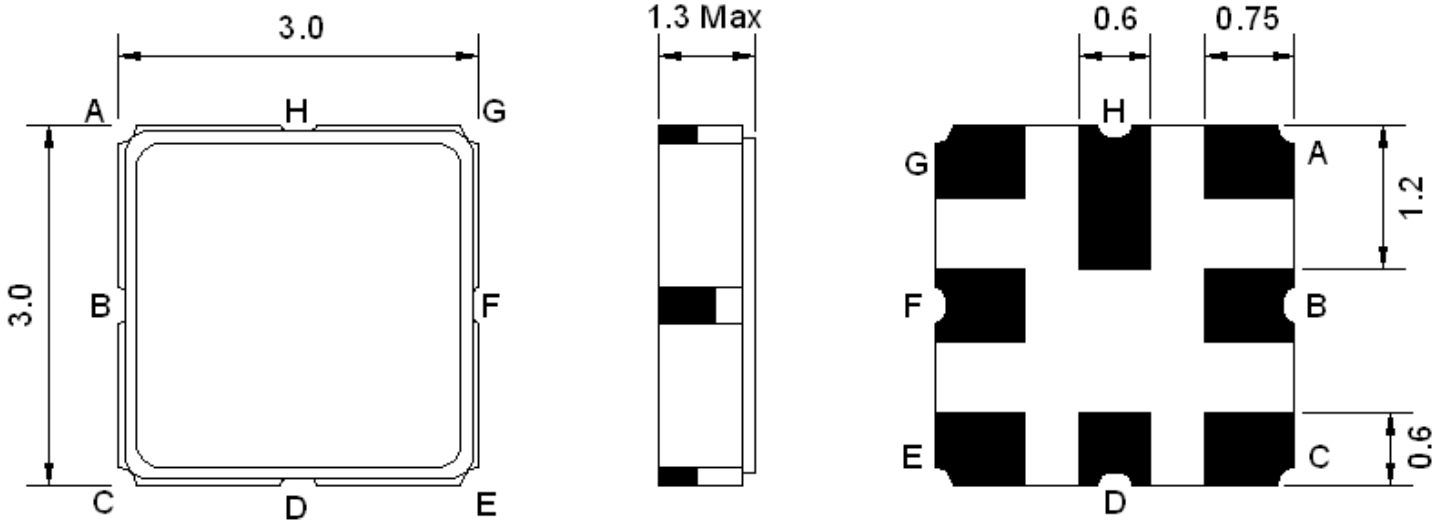


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	465.0	-
Insertion Loss in 462.5 ~ 467.5 MHz	dB	-	2.4	4.0
VSWR in 462.5 ~ 467.5 MHz	-	-	1.7	2.1
<b>Attenuation:</b>				
0.3 ~ 452.5 MHz	dB	40	50	-
452.5 ~ 457.5 MHz	dB	35	48	-
485.0 ~ 507.5 MHz	dB	40	43	-
507.5 ~ 1200.0 MHz	dB	30	50	-
1200.0 ~ 1700.0 MHz	dB	20	35	-

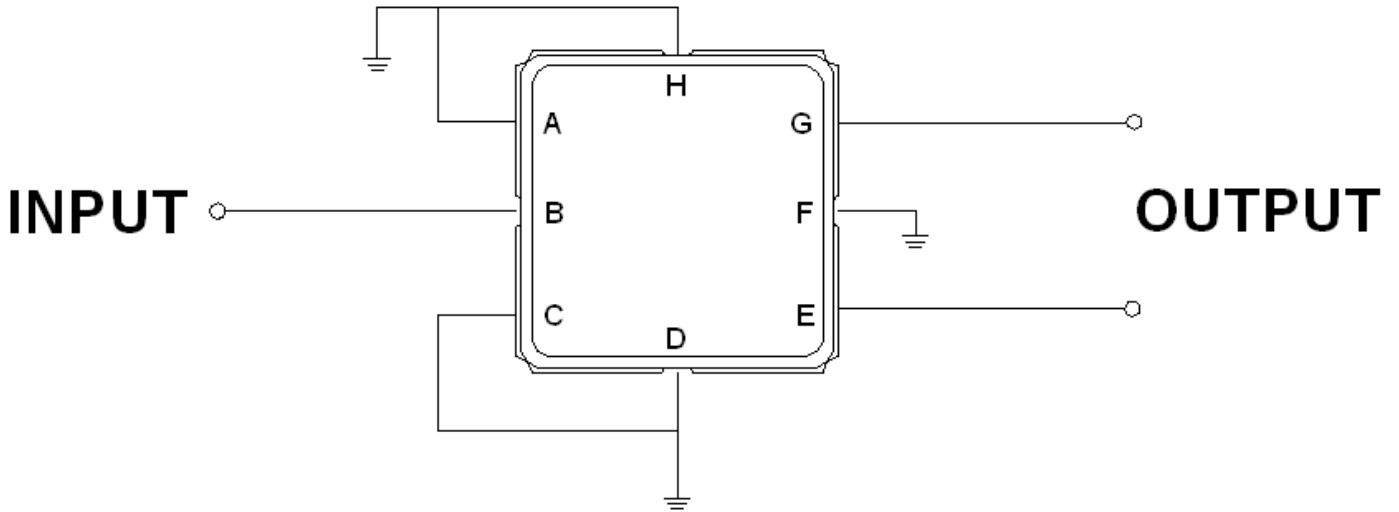
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	100	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M1	



**Outline Drawing:**



**Testing Environment:**



Source Impedance: 50  $\Omega$   
Load Impedance: 100  $\Omega$



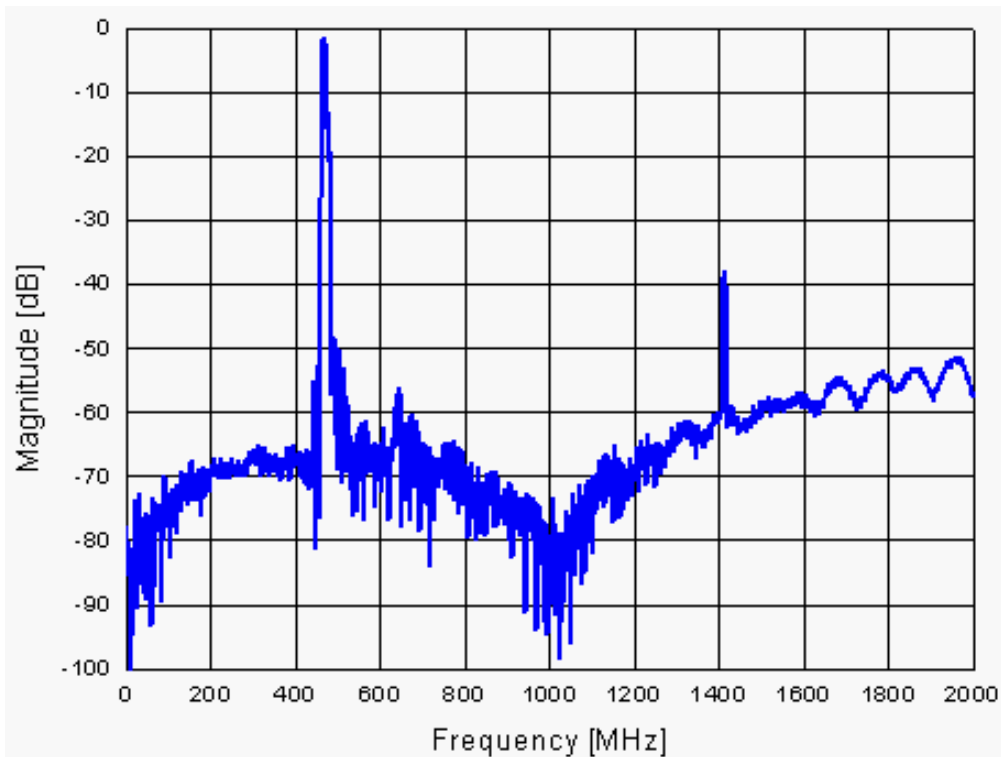
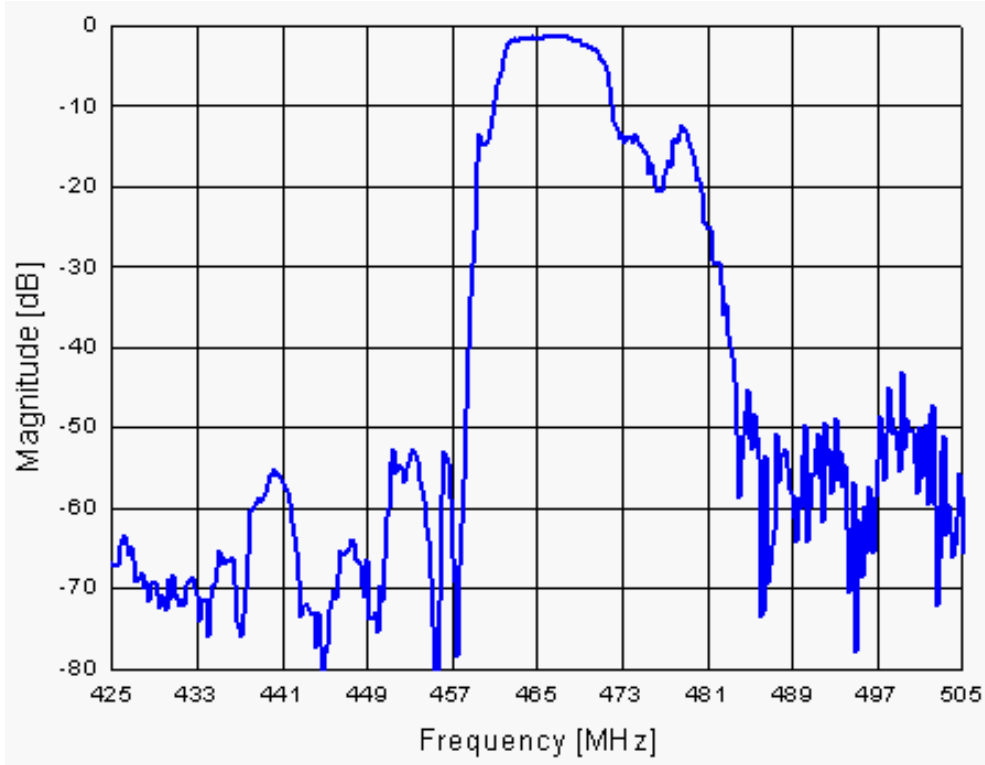
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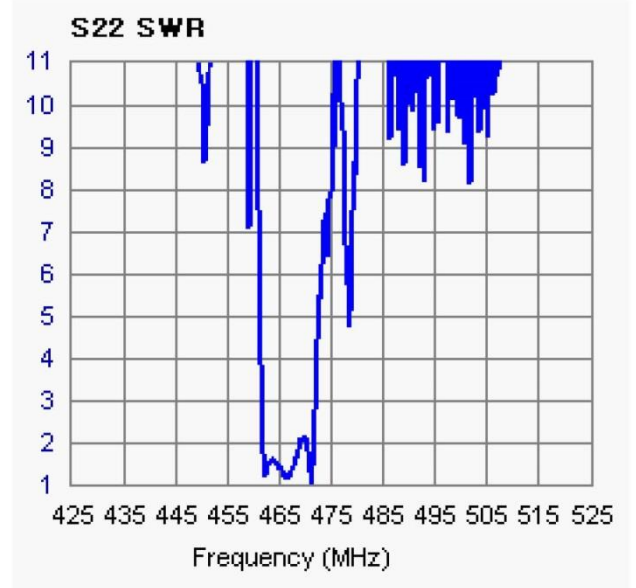
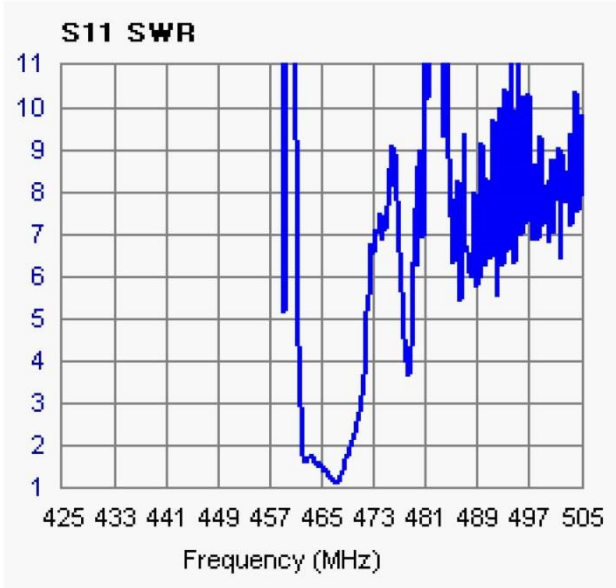


## Response Plot:





**VSWR**



**Smith Chart**

