



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

# 462 MHz CDMA 450 C-Band RF-Rx Saw Filter

**Part Number: AM462S484**

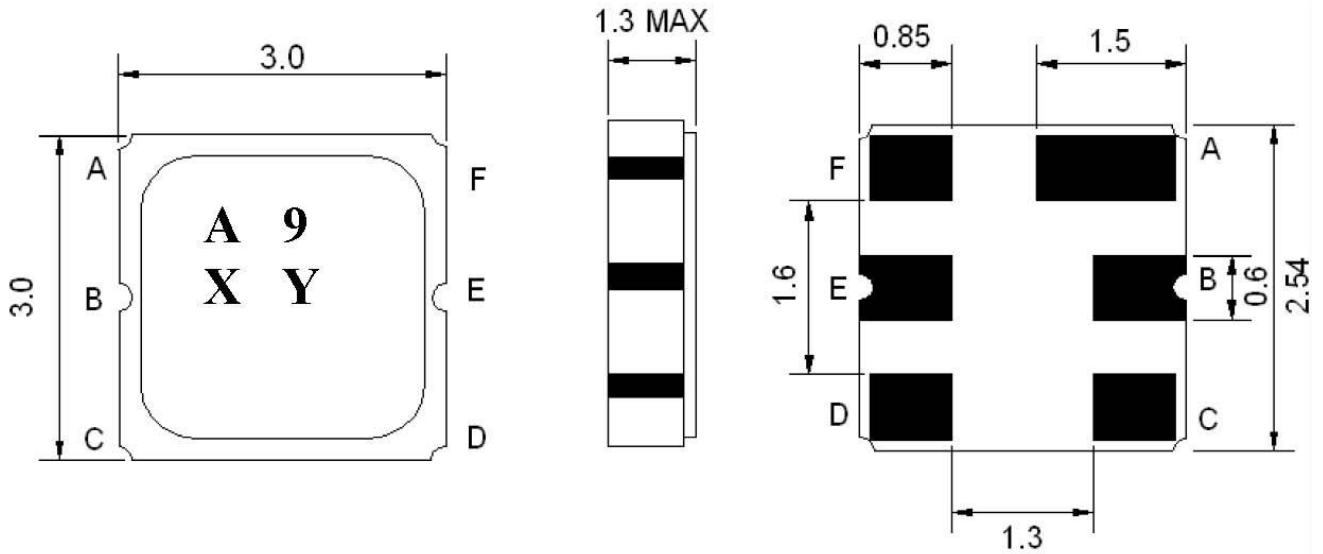


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	462.5	-
Insertion Loss in 460.0 ~ 464.8 MHz	dB	-	3.0	3.5
VSWR in 460.0 ~ 464.8 MHz	-	-	2.0	2.4
<b>Attenuation:</b>				
0.3 ~ 450.0 MHz	dB	40	48	-
450.0 ~ 454.8 MHz	dB	35	45	-
485.0 ~ 505.0 MHz	dB	40	53	-
505.0 ~ 1200.0 MHz	dB	30	37	-
1200.0 ~ 2000.0 MHz	dB	20	32	-

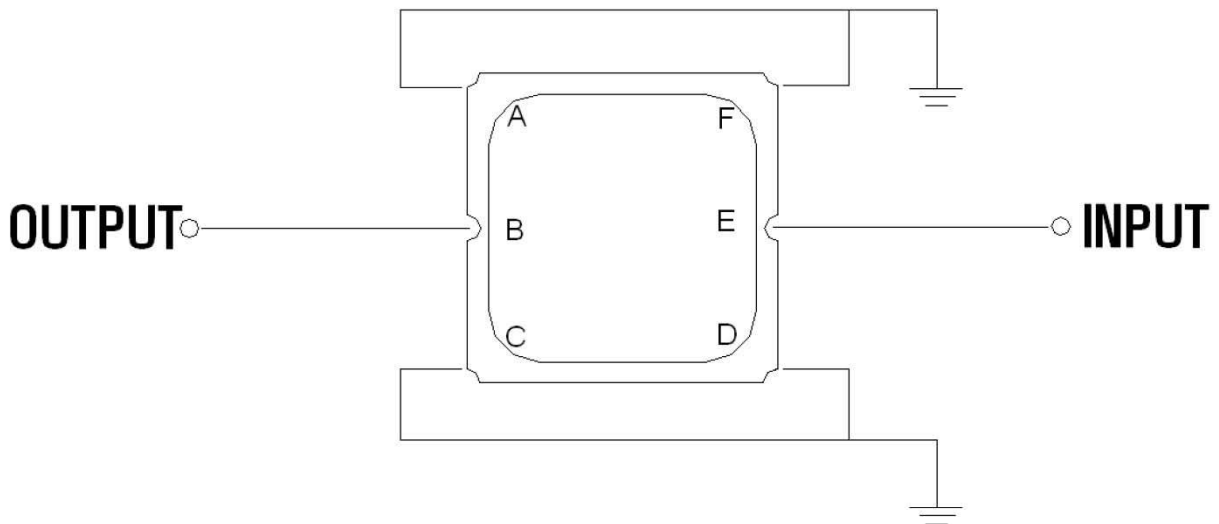
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package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



**Outline Drawing:**



**Testing Environment:**



Source/Load Impedance: 50  $\Omega$



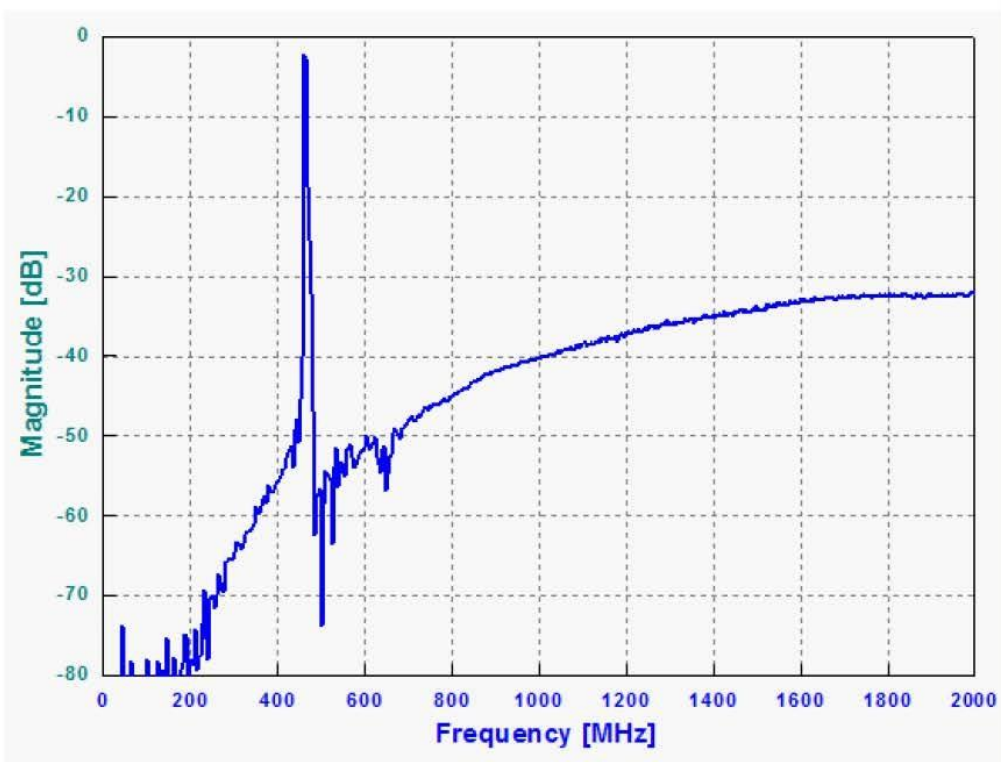
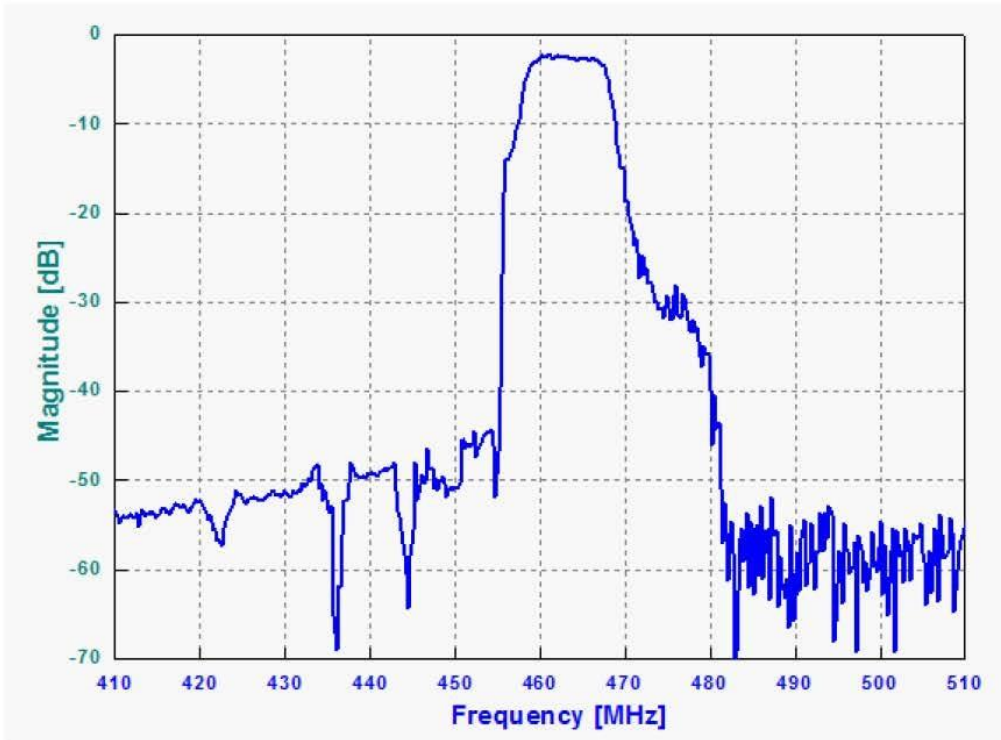
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## Response Plot:





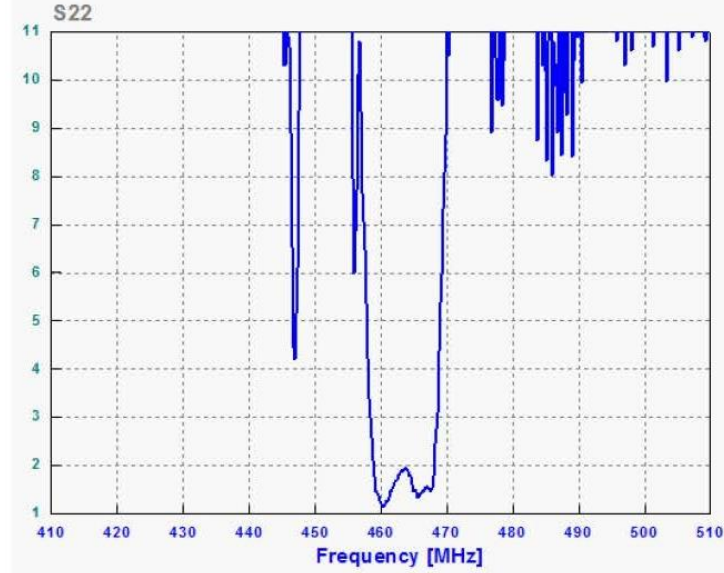
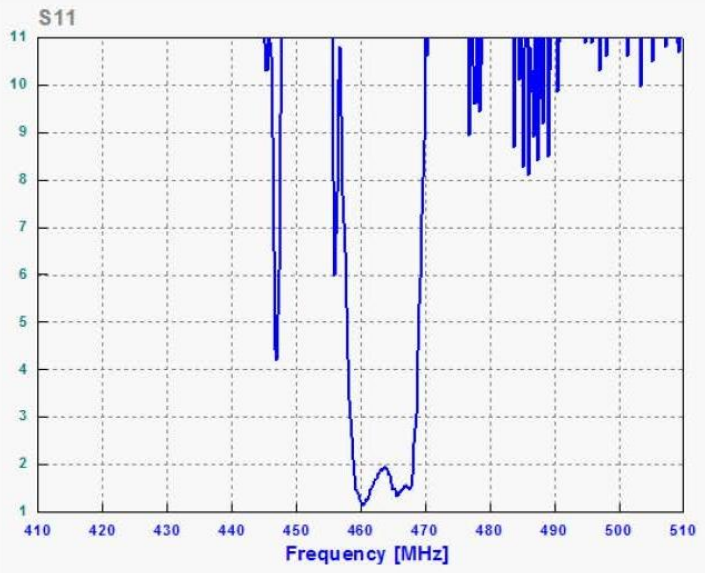
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## VSWR



## Smith Chart

