



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

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

Part Number: AM462S489

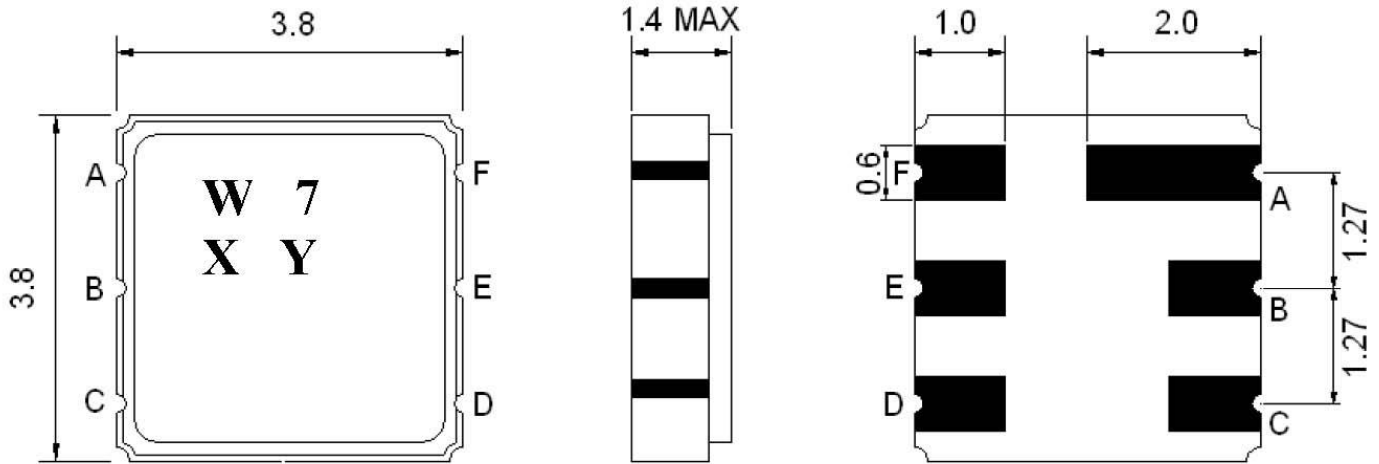


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	462.5	-
Insertion Loss in 460.0 ~ 464.8 MHz	dB	-	2.5	3.8
VSWR in 460.0 ~ 464.8 MHz	-	-	1.8	2.3
Attenuation:				
DC ~ 450.0 MHz	dB	40	45	-
450.0 ~ 455.0 MHz	dB	35	50	-
482.5 ~ 1200.0 MHz	dB	35	43	-
1200.0 ~ 1700.0 MHz	dB	30	35	-
1700.0 ~ 2000.0 MHz	dB	20	30	-

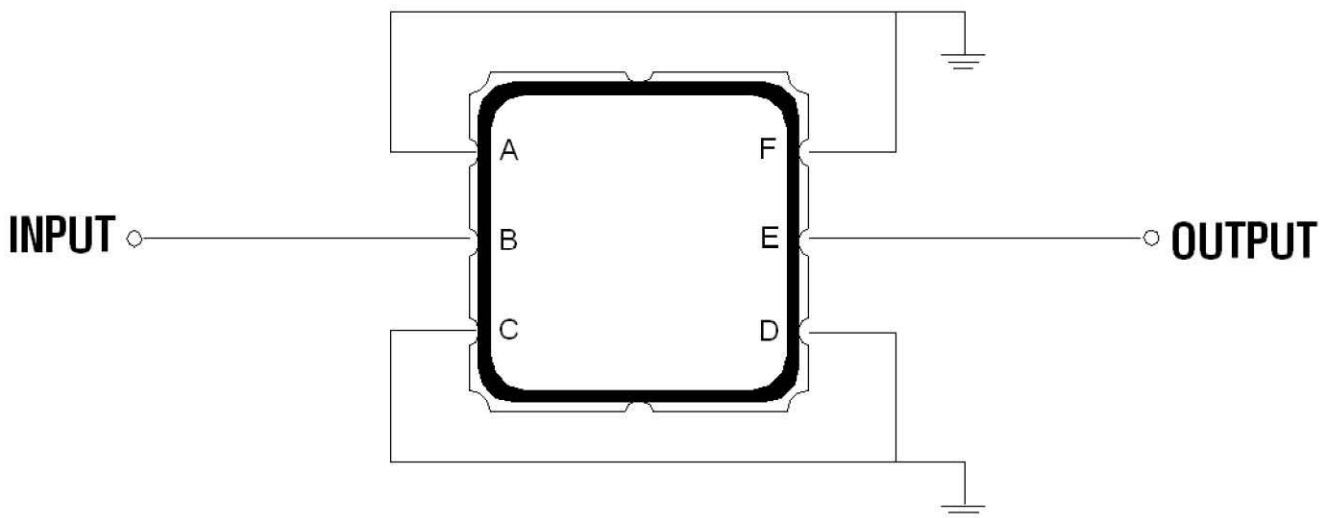
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	27
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.8 x 3.8 x 1.4 mm		P	



Outline Drawing:



Testing Environment:



Source/Load Impedance: 50 Ω



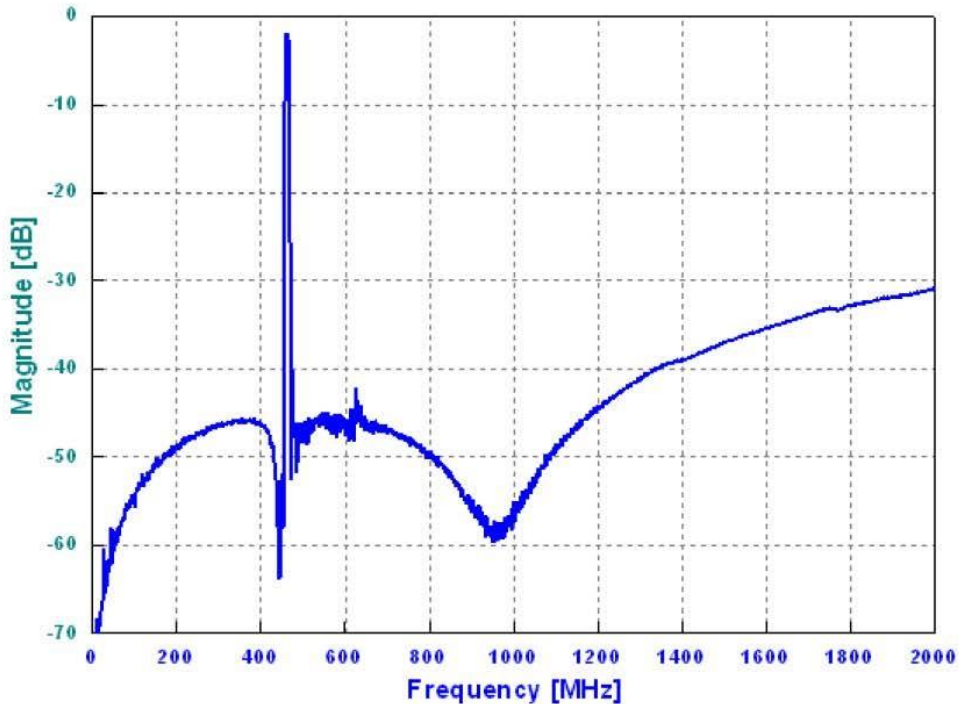
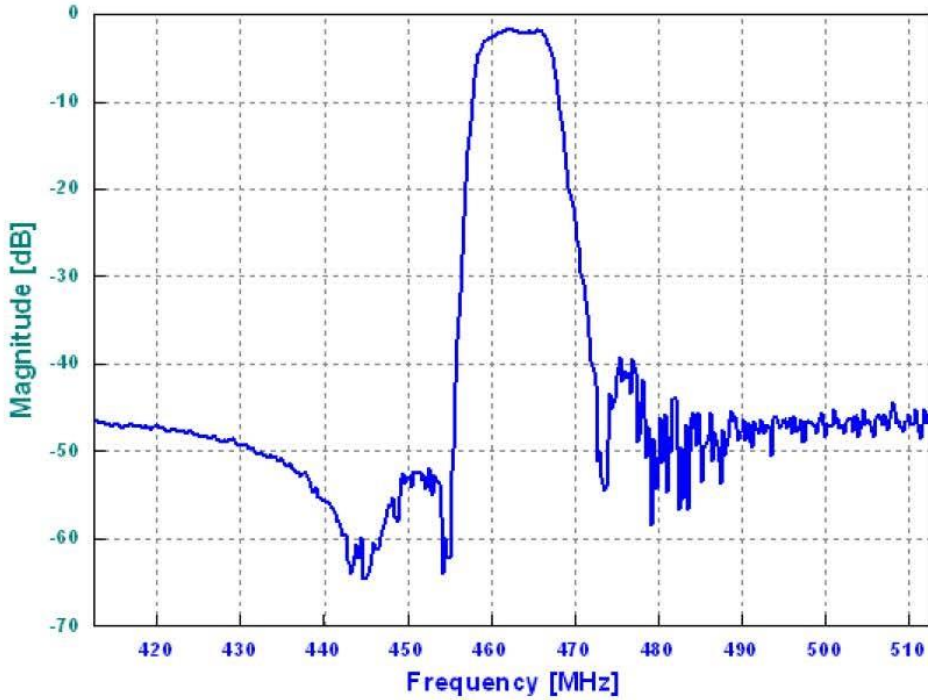
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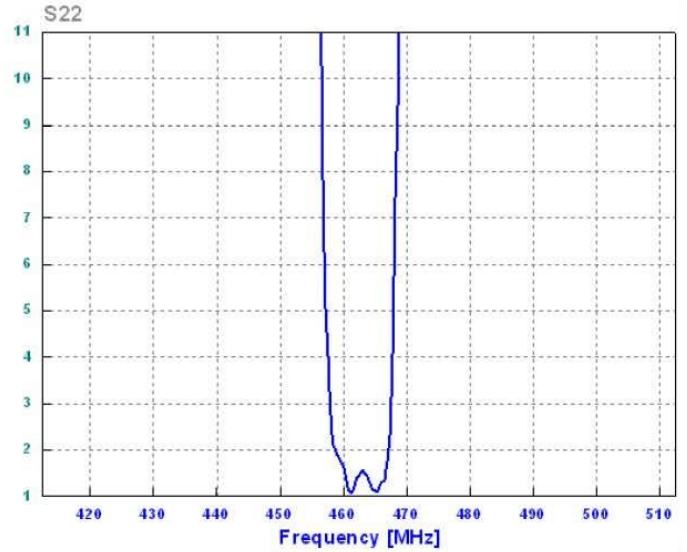
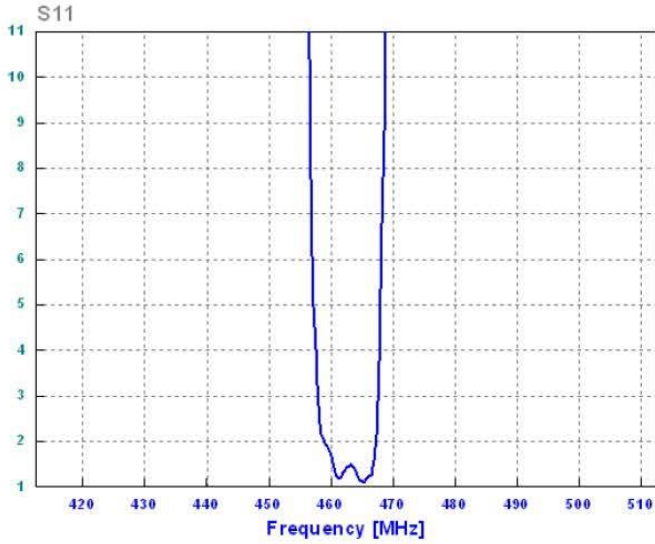


Response Plot:





VSWR



Smith Chart

