



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

422 MHz CDMA 450 L-Band RF-Rx Saw Filter

Part Number: AM422S453

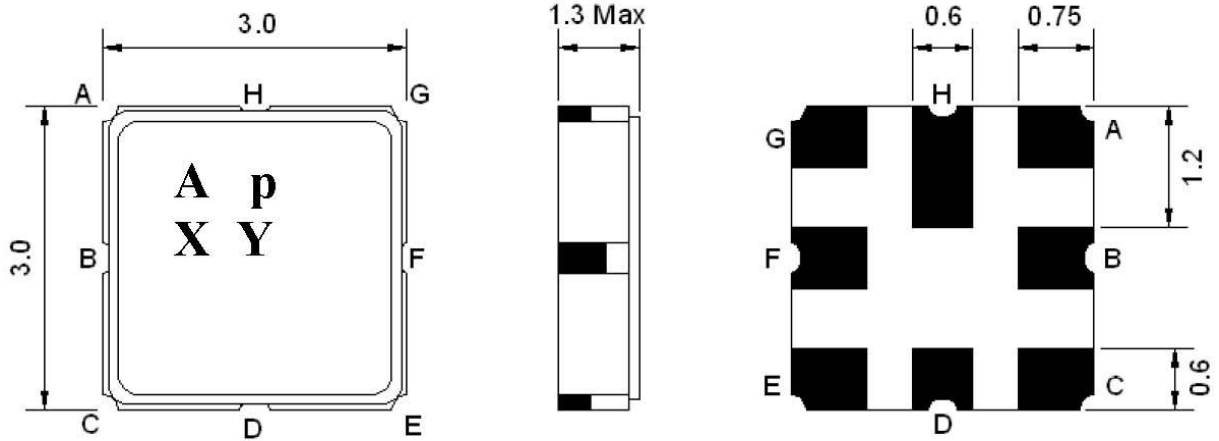


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	422.75	-
Insertion Loss within 420.5 ~ 425.0 MHz	dB	-	2.6	4.0
VSWR within 420.5 ~ 425.0 MHz	-	-	1.9	2.5
Attenuation:				
0.3 ~ 410.5 MHz	dB	40	50	-
410.5 ~ 415.0 MHz	dB	35	48	-
445.0 ~ 600.0 MHz	dB	40	48	-
600.0 ~ 1200.0 MHz	dB	40	55	-
1200.0 ~ 2000.0 MHz	dB	35	50	-

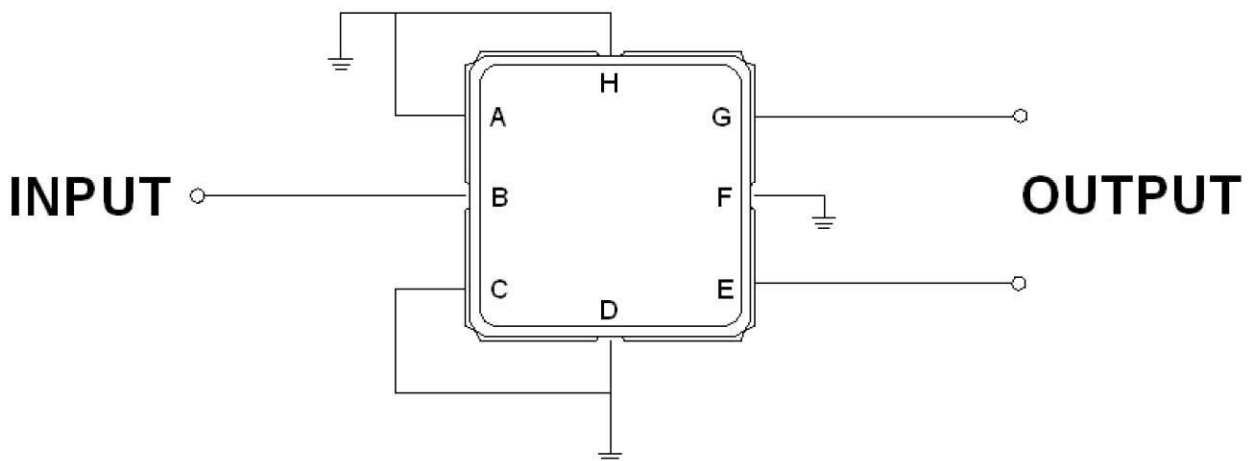
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	100	-
Package Size and Type	3.0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



Outline Drawing:



Testing Environment:



Source Impedance = 50 Ω

Load Impedance = 100 Ω

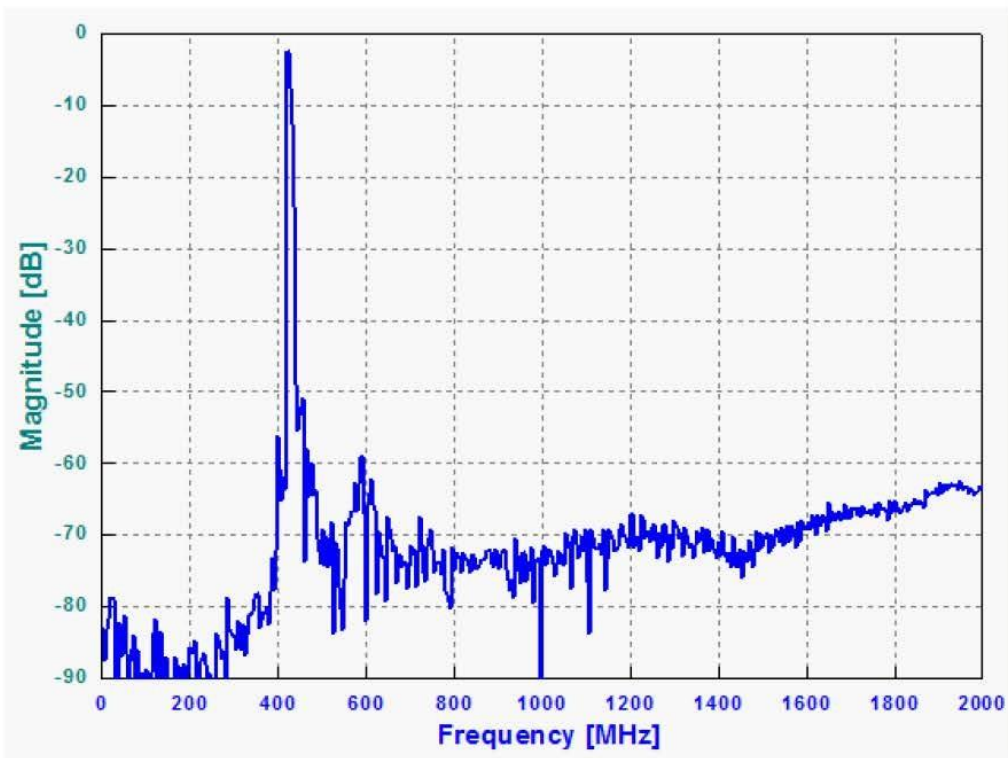
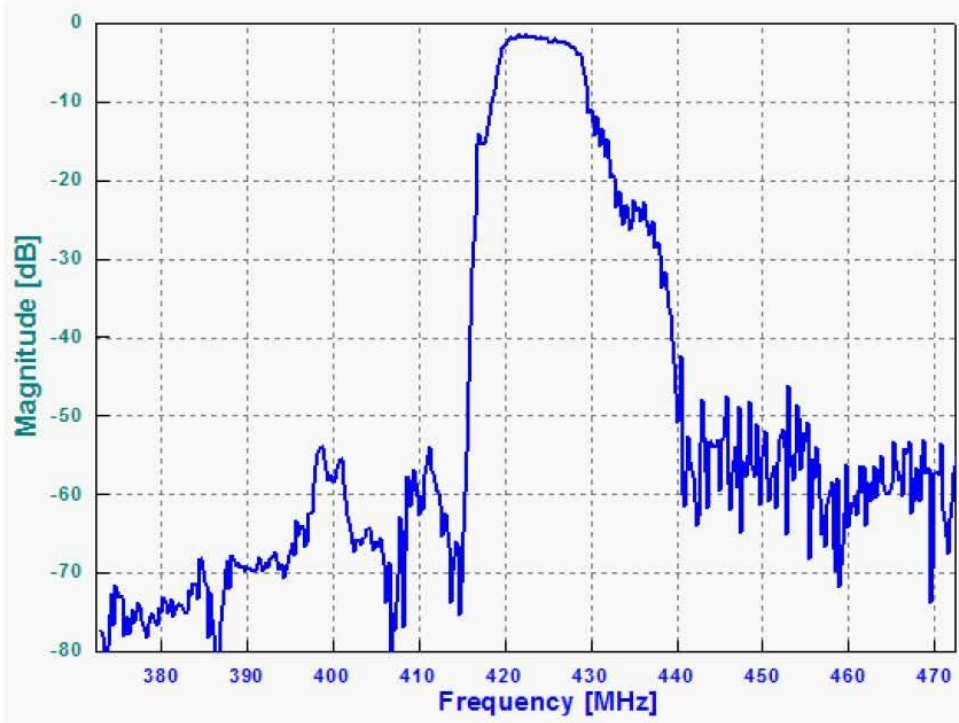


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Response Plot:





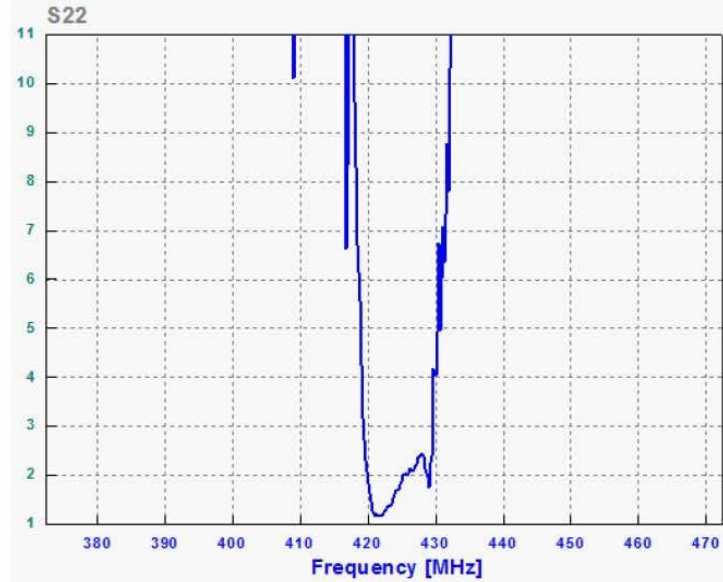
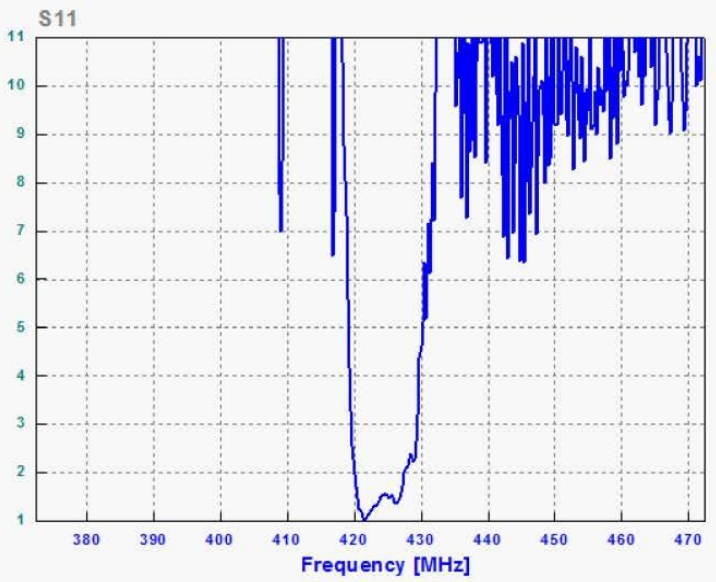
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VSWR



Smith Chart

