



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

427 MHz CDMA 450 E-Band Balanced RF-Rx Saw Filter

Part Number: AM427S461

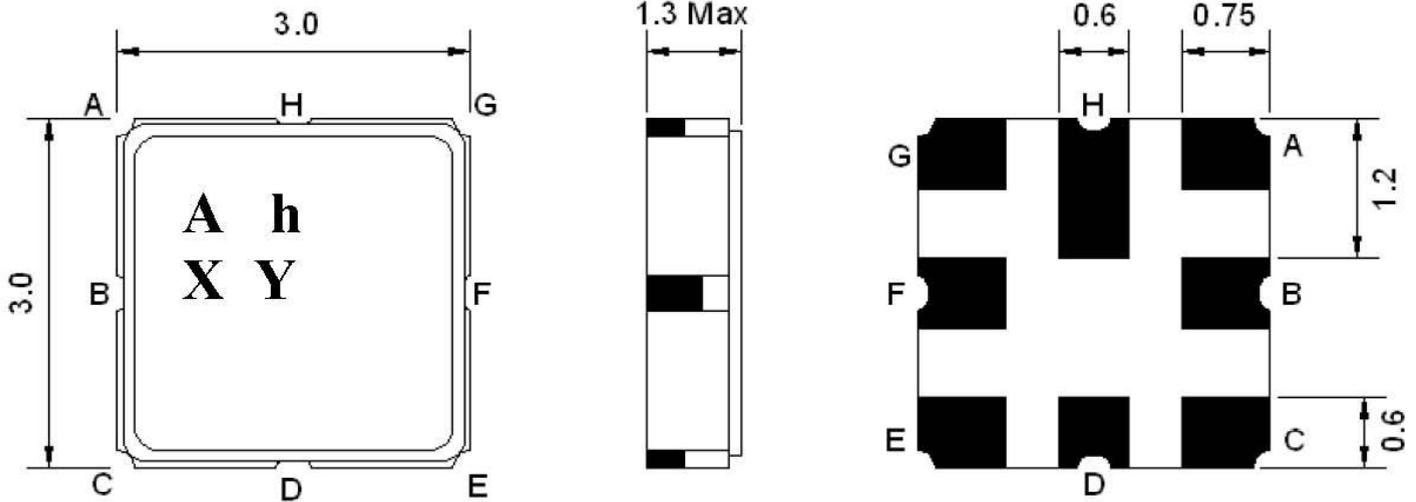


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	427.75	-
Insertion Loss within 425.5 ~ 430.0 MHz	dB	-	2.3	4.0
VSWR within 425.5 ~ 430.0 MHz	-	-	1.7	2.4
Attenuation:				
0.3 ~ 415.5 MHz	dB	40	50	-
415.5 ~ 420.0 MHz	dB	35	48	-
450.0 ~ 600.0 MHz	dB	35	40	-
600.0 ~ 1200.0 MHz	dB	40	50	-
1200.0 ~ 2000.0 MHz	dB	30	45	-

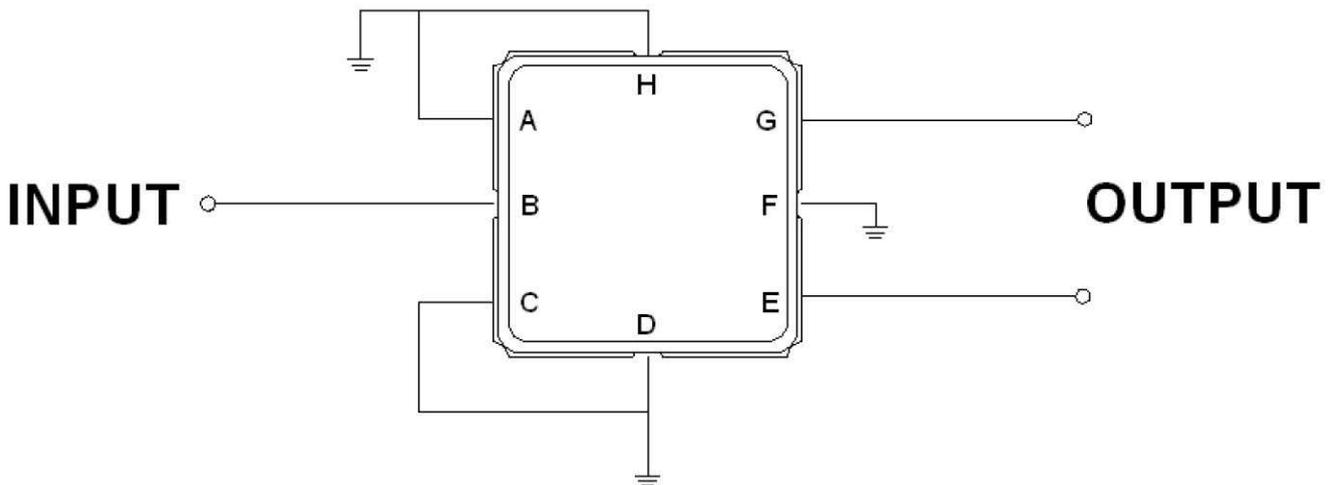
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	100	-
Package Size and Type	3.0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



Outline Drawing:



Testing Environment:



Source Impedance = 50 Ω

Load Impedance = 100 Ω

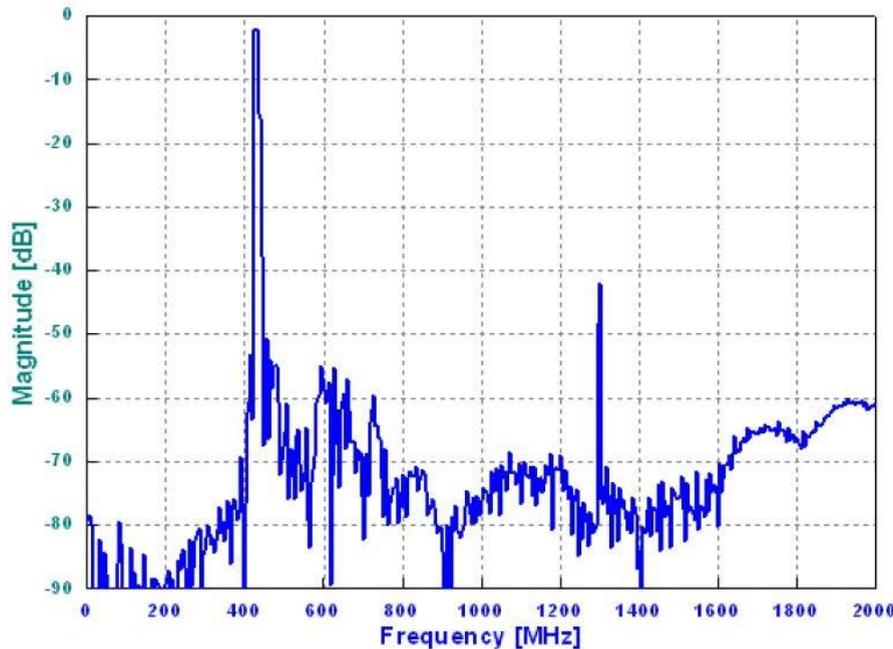
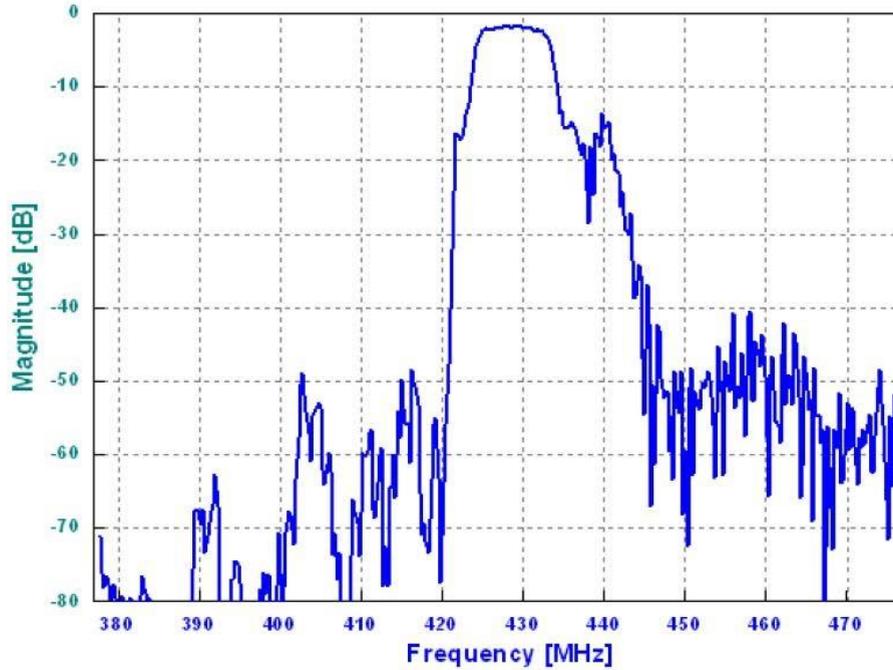


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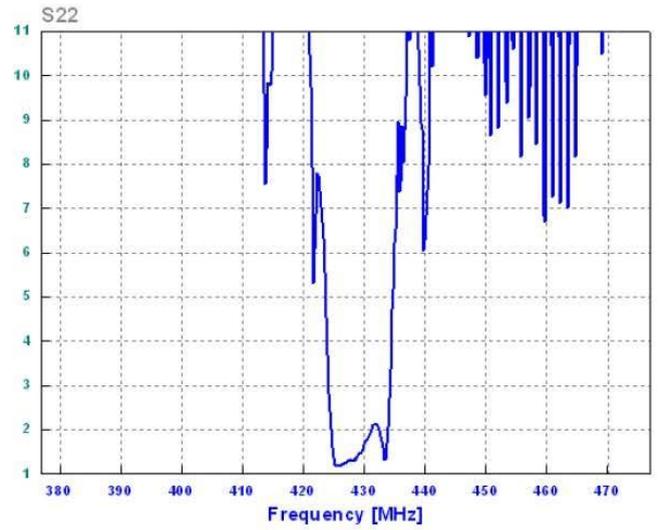
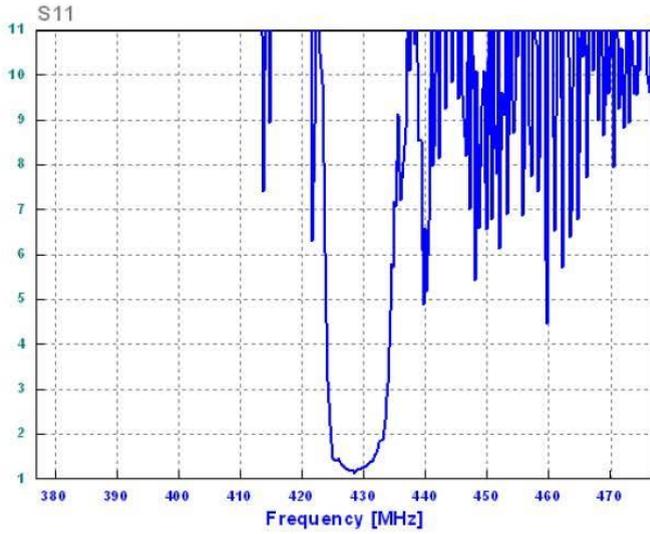


Response Plot:





VSWR



Smith Chart

