



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

425 MHz Wireless, RF Saw Filter

Part Number: AM425S460

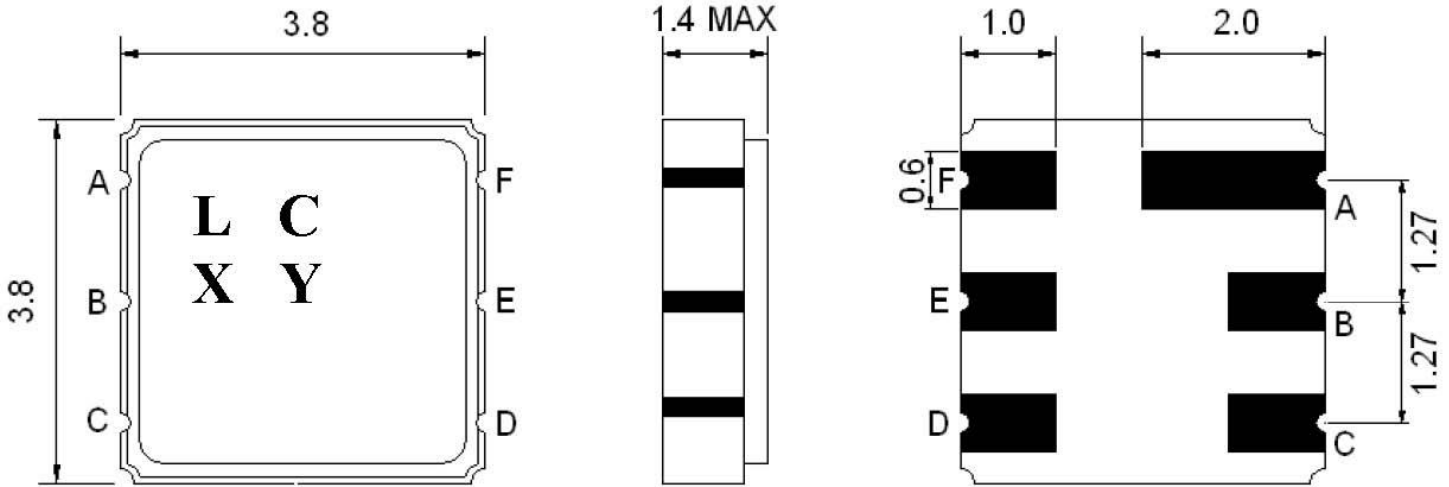


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	425.0	-
Insertion Loss within 420.0 ~ 430.0 MHz	dB	-	2.5	3.5
Amplitude Ripple within 420.0 ~ 430.0 MHz	dB _{p-p}	-	0.6	1.5
VSWR within 420.0 ~ 430.0 MHz	-	-	1.8	2.5
Attenuation:				
Fo-47.8 ~ Fo-37.8 MHz	dB	55	59	-
Fo+37.8 ~ Fo+47.8 MHz	dB	40	43	-

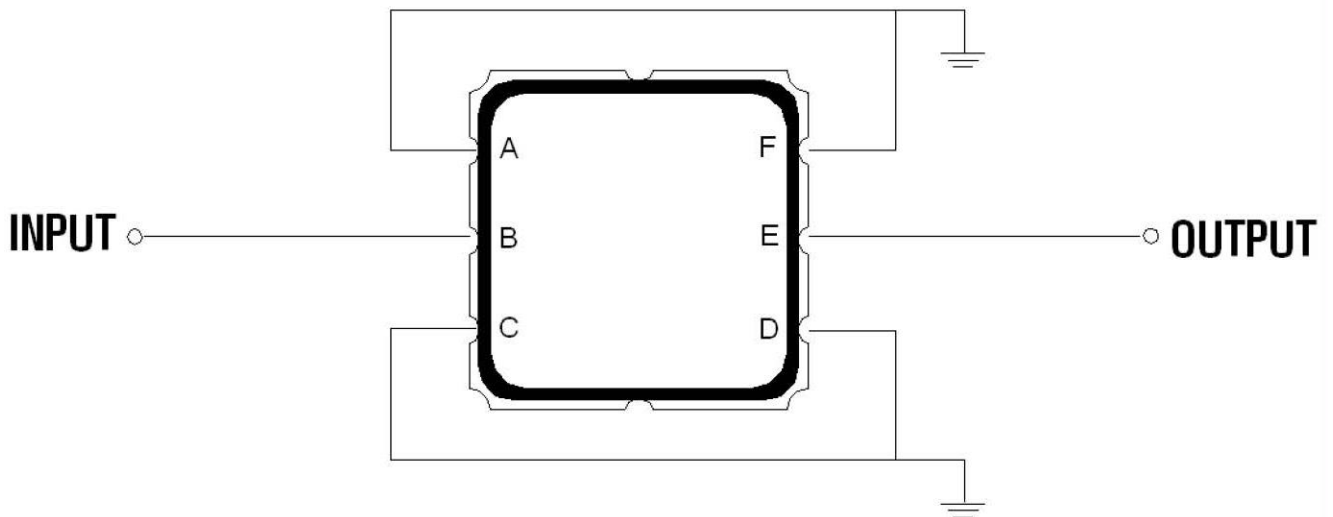
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-10	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	0
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.8 x 3.8 x 1.4 mm		P	



Outline Drawing:



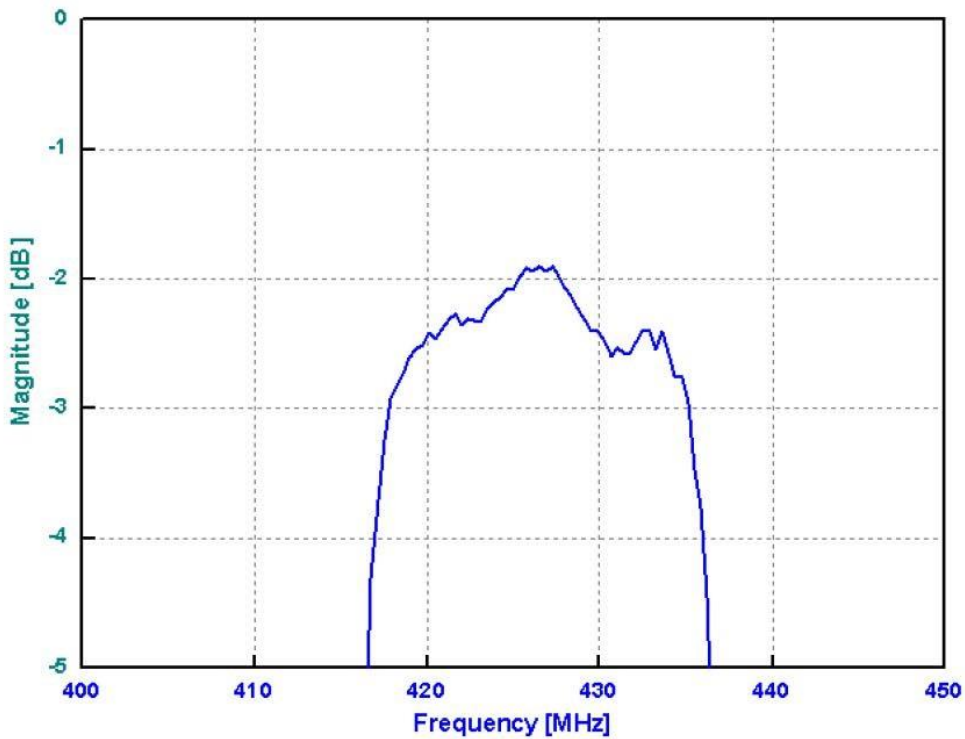
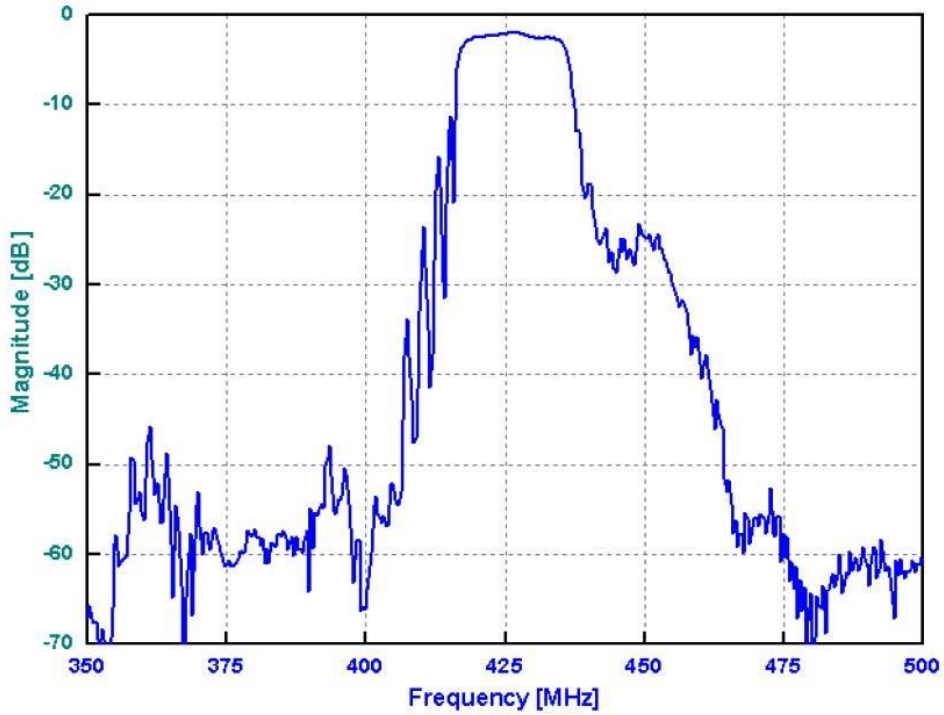
Testing Environment:



Source/Load Impedance = 50 Ω

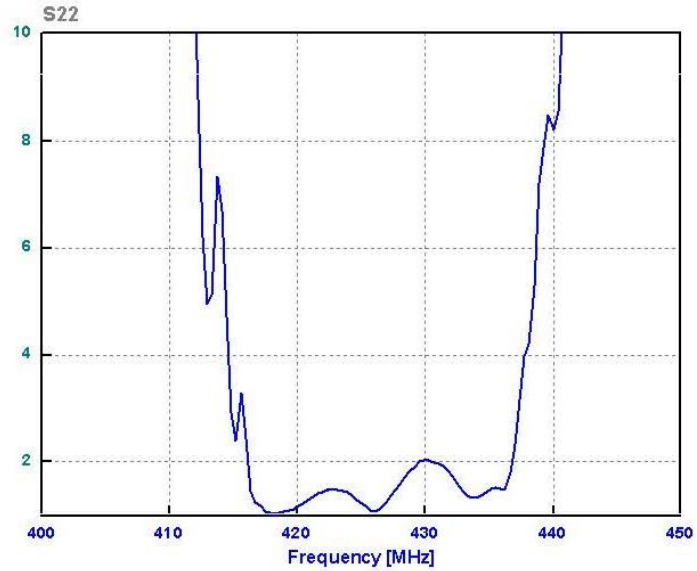
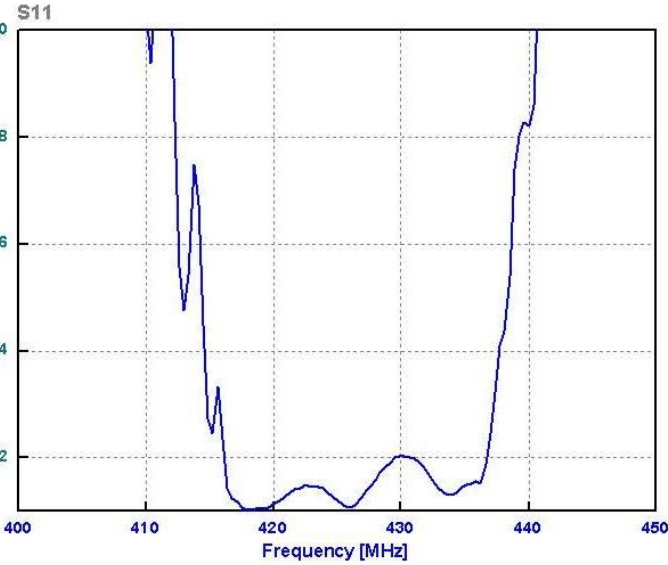


Response Plot:





VSWR



Smith Chart

