



915 MHz Wireless, RF Saw Filter

Part Number: AM915S535



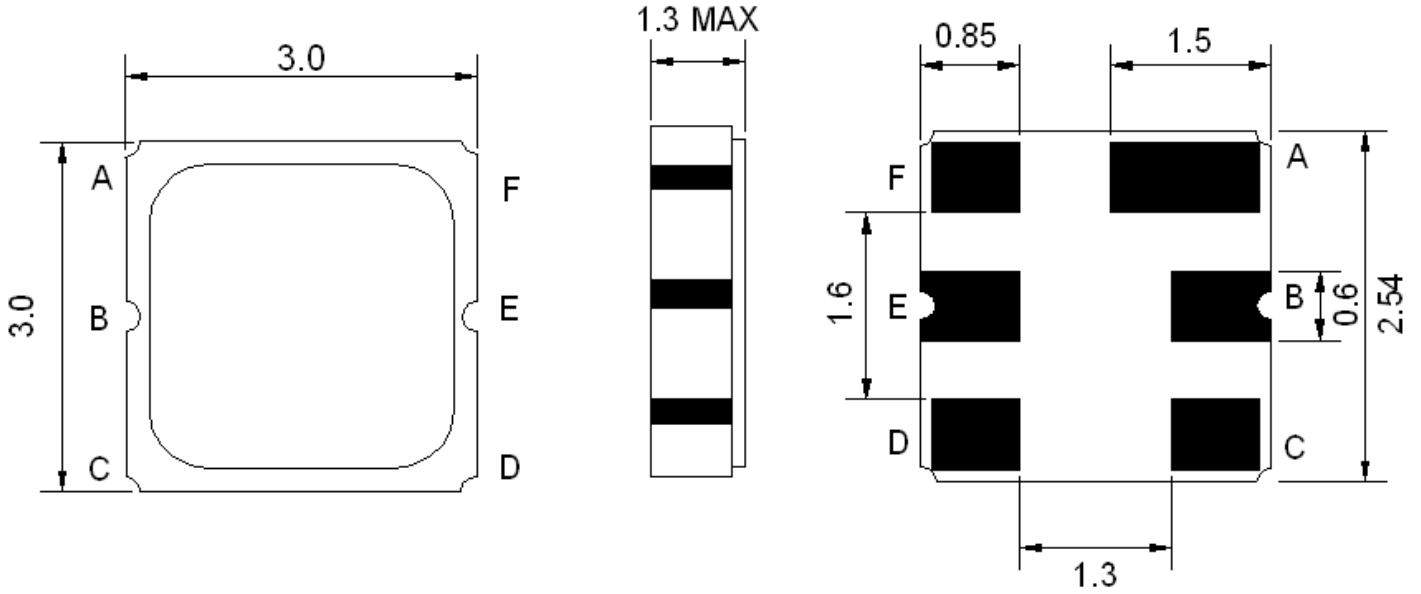
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	915.0	-
Insertion Loss within 911.5 ~ 918.5 MHz	dB	-	2.6	4.0
Amplitude Ripple within 911.5 ~ 918.5 MHz	dB _{p-p}	-	0.50	1.5
VSWR within 911.5 ~ 918.5 MHz	-	-	1.50	2.0
Attenuation:				
DC ~ 600 MHz	dB	50	60	-
600 ~ 840 MHz	dB	40	55	-
869 ~ 894 MHz	dB	35	45	-
970 ~ 1500 MHz	dB	40	50	-

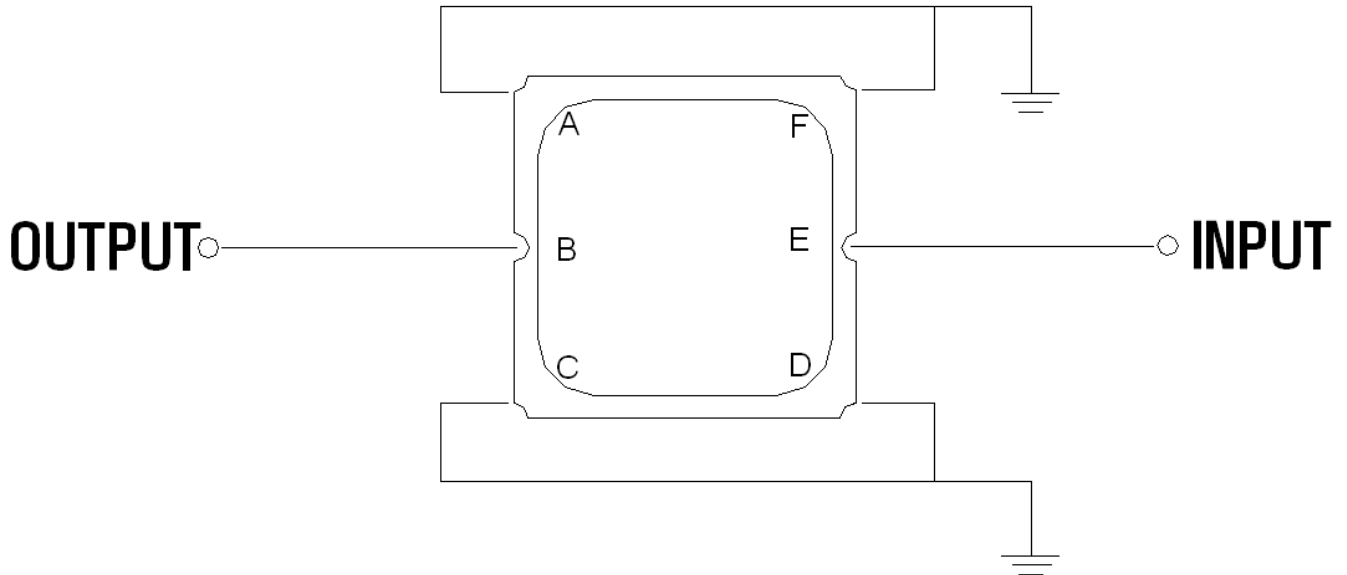
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm M			



Outline Drawing:



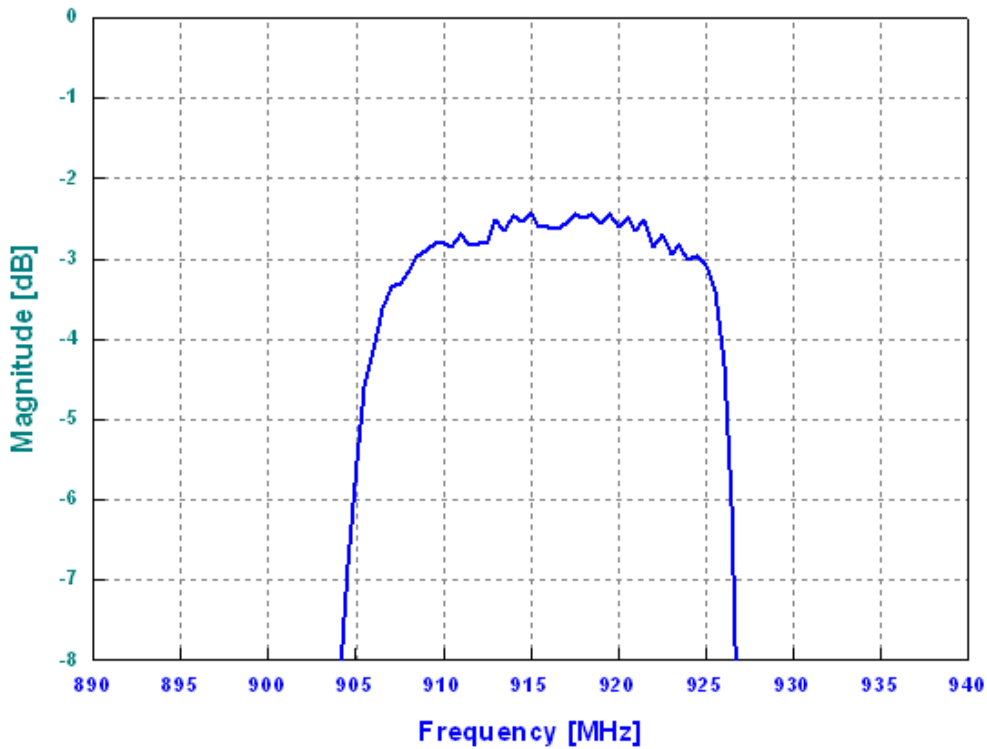
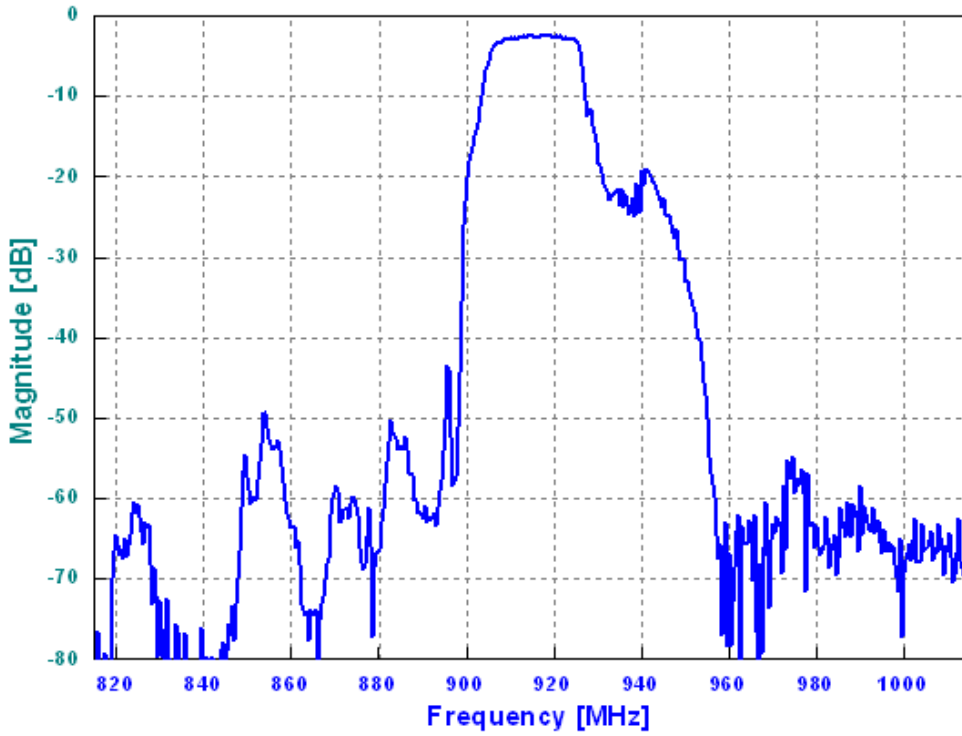
Testing Environment:



Source & Load Impedance: 50 Ω



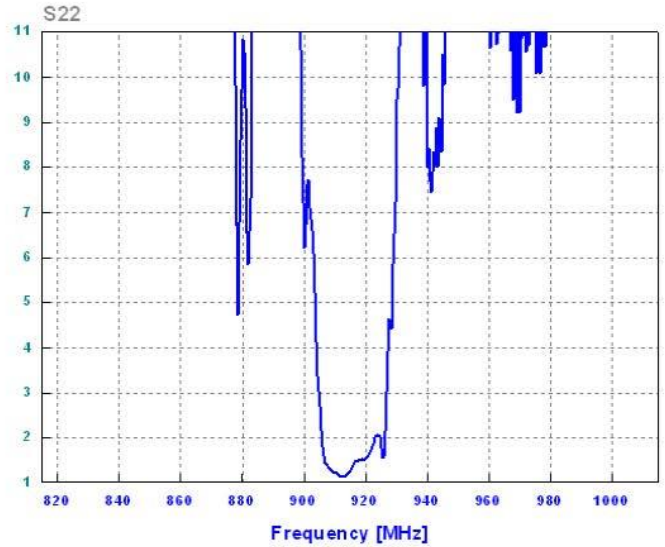
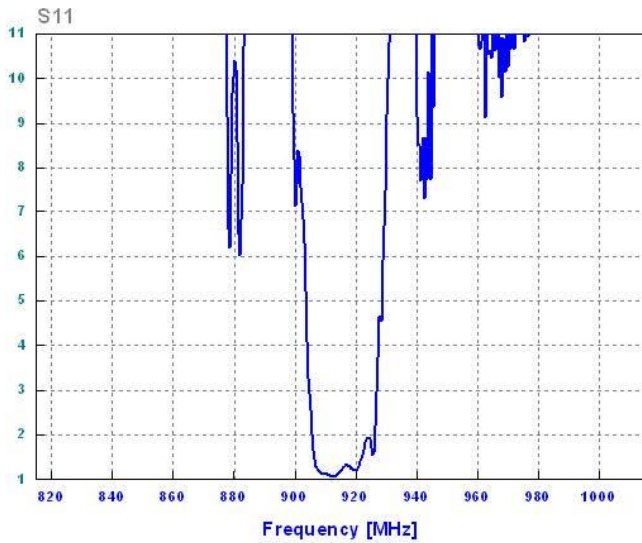
Response Plot:





Response Plot:

VSWR



Smith Chart

