



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

869 MHz Wireless, RF Saw Filter

Part Number: AM869S522

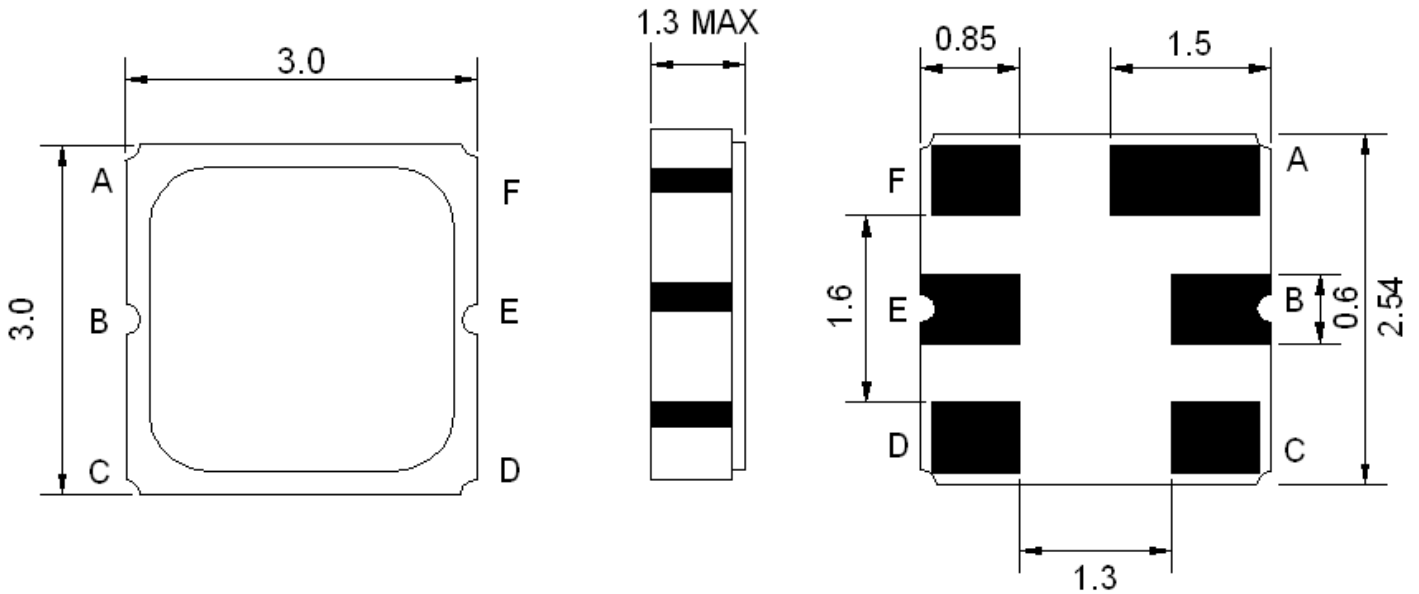


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	869.0	-
Insertion Loss within 868 ~ 870 MHz	dB	-	2.8	4.0
Amplitude Ripple within 868 ~ 870 MHz	dB _{p-p}	-	0.2	1.5
Attenuation:				
825 ~ 828 MHz	dB	40	47	-
835 ~ 842 MHz	dB	30	39	-
891 ~ 894 MHz	dB	30	42	-
910 ~ 913 MHz	dB	40	47	-

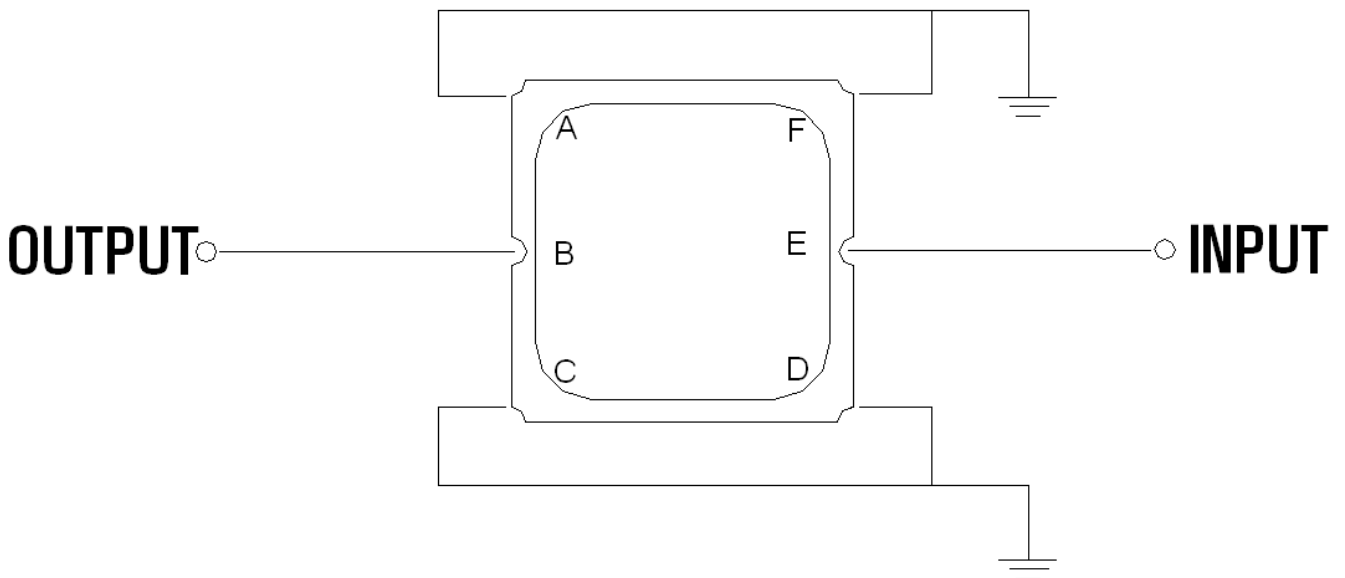
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-10	-	+60
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	17
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm M			



Outline Drawing:



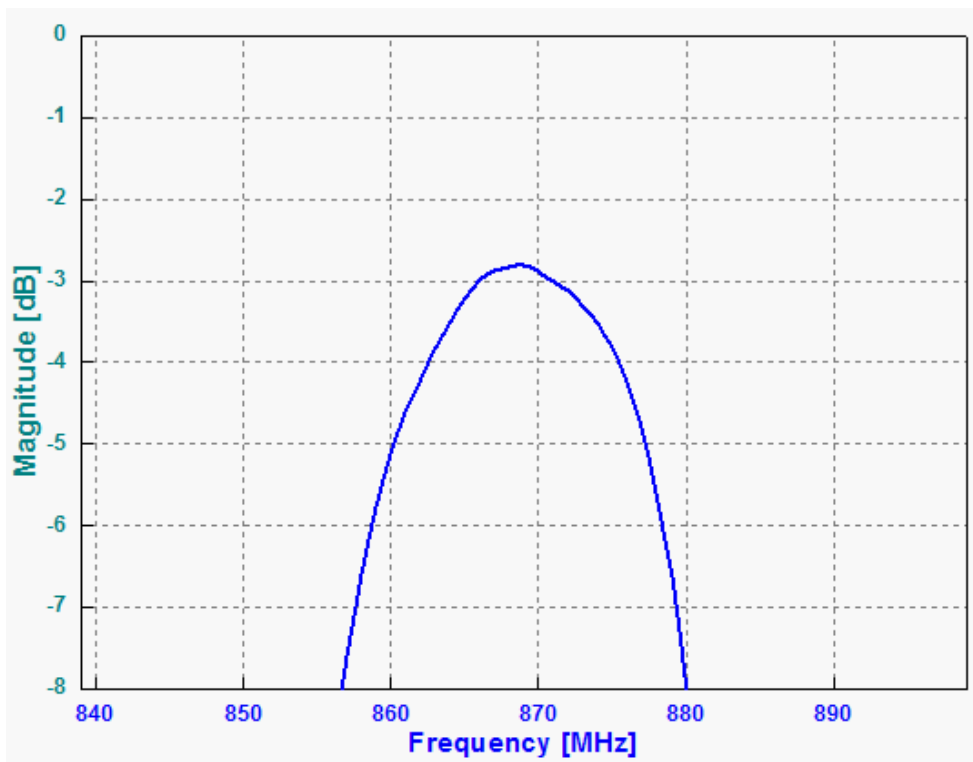
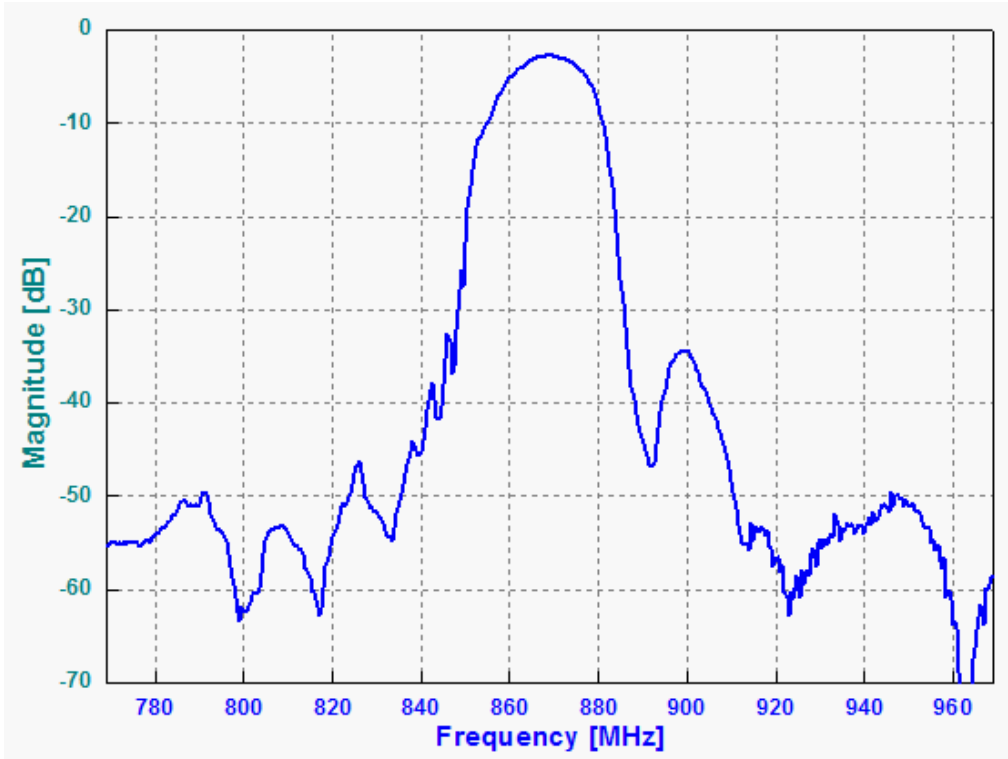
Testing Environment:



Source/Load Impedance: 50 Ω



Response Plot:





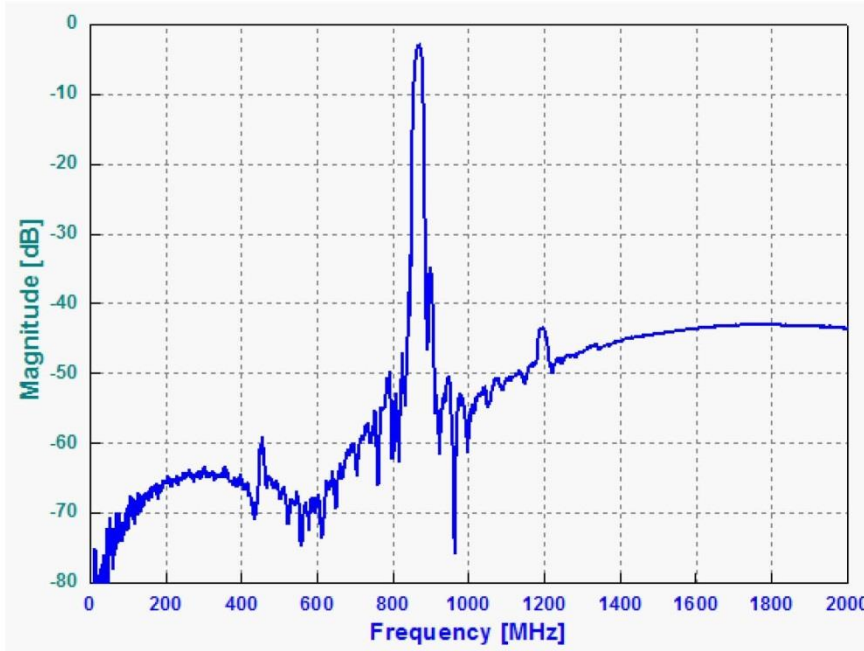
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Wide Band



Smith Chart

