



915 MHz Saw Filter
Part Number: AM915S339

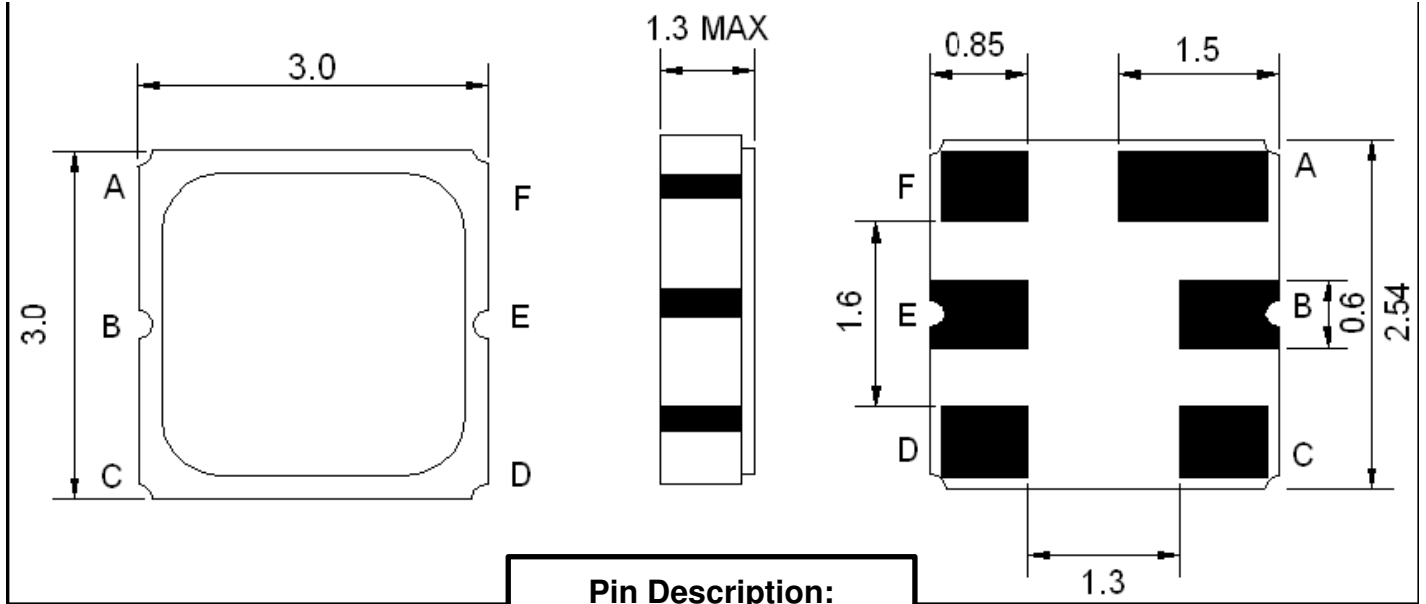


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	915.0	-
Insertion Loss within 902.0 ~ 928.0 MHz	dB	-	2.5	3.0
Amplitude Ripple within 902.0 ~ 928.0 MHz	dB _{p-p}	-	0.7	1.5
VSWR within 902.0 ~ 928.0 MHz	-	-	1.45	2.0
Attenuation:				
DC – 800 MHz	dB	50	60	-
800 – 845 MHz	dB	50	55	-
845 – 880 MHz	dB	45	50	-
950 – 990 MHz	dB	26	31	-
990 – 1200 MHz	dB	50	58	-
1200 – 2000 MHz	dB	30	38	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	20
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size	3.0 x 3.0 x 1.3 mm			

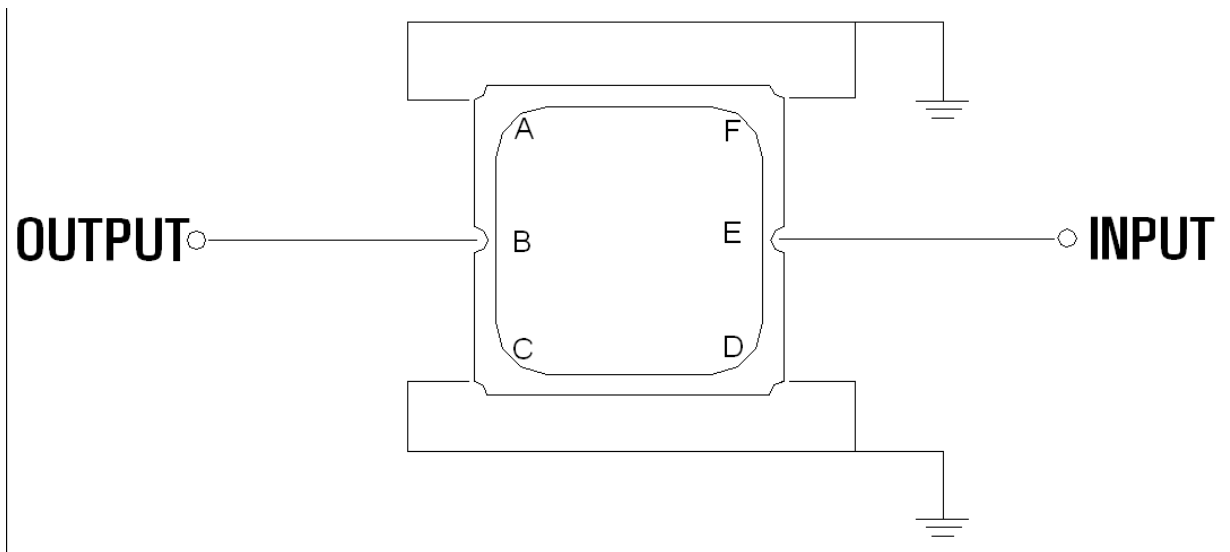


Outline Drawing:



Pin Description:
Ground – A C D F
Input – E
Output – B

Testing Environment:



Source/Load Impedance: 50 Ω

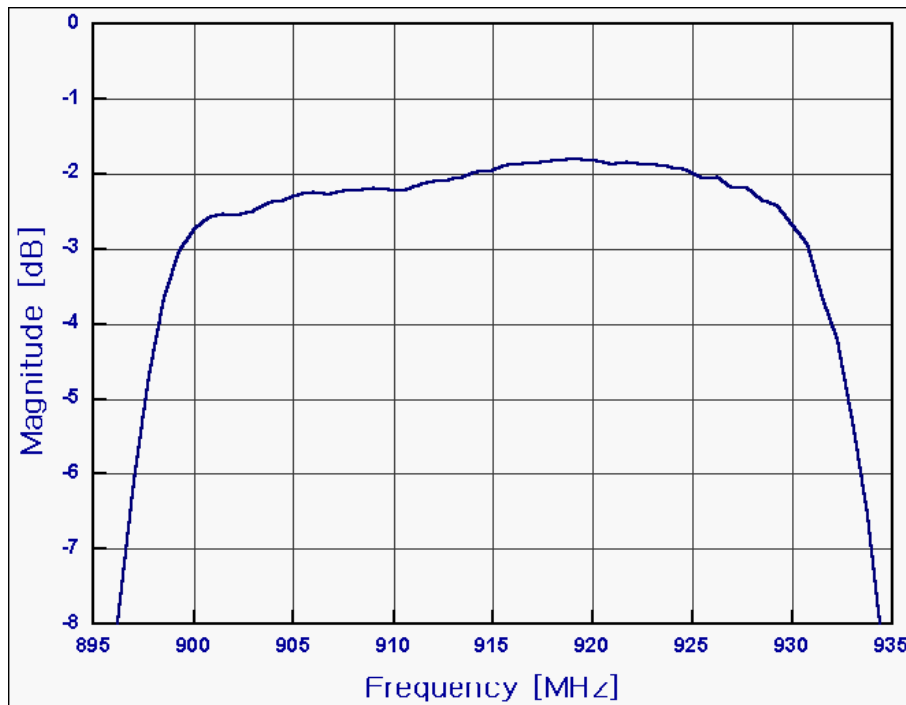
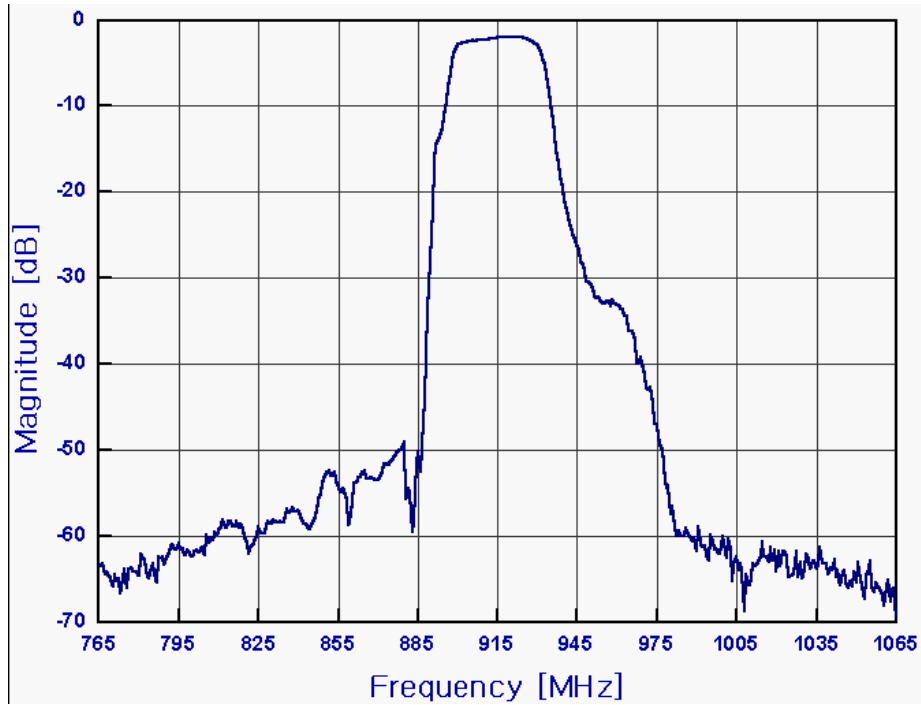


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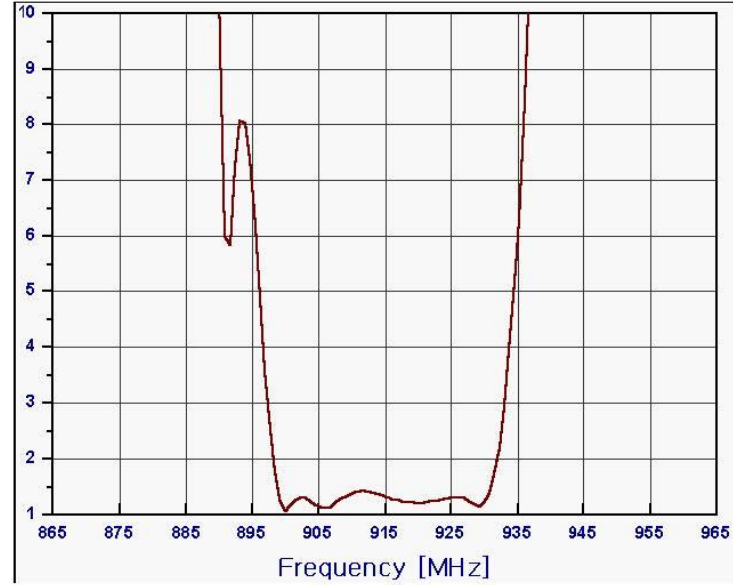
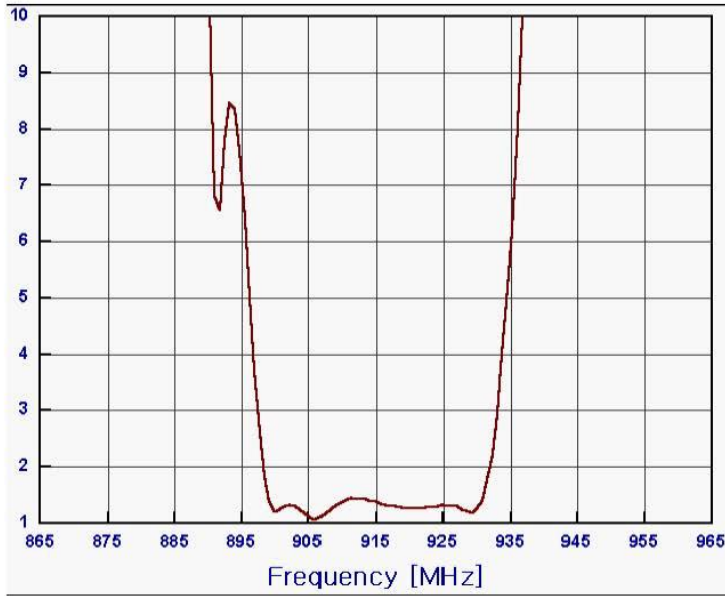


Response Plot:





VSWR



Smith Chart

