



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

63 MHz Saw Filter

Part Number: AM63S199



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	63.0	-
Insertion Loss at Fo	dB	-	14.2	15.0
Amplitude Ripple Variation at Fo $\pm$ 100 kHz	dBp-p	-	1.0	2.0
Temperature Coefficient	ppm/ $^{\circ}$ C	-	-0.03	-
Bandwidth at -3.0 dB	kHz	Fo $\pm$ 200	Fo $\pm$ 225	-
Bandwidth at -55.0 dB	kHz	-	Fo $\pm$ 750	Fo $\pm$ 800
Ultimate Attenuation	dB	60	65	-
Spurious Attenuation	dB	55	57	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	$^{\circ}$ C	-55	-	+85
Storage Temperature Range	$^{\circ}$ C	-55	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	20.2 x 12.6 x 5.3 mm D			



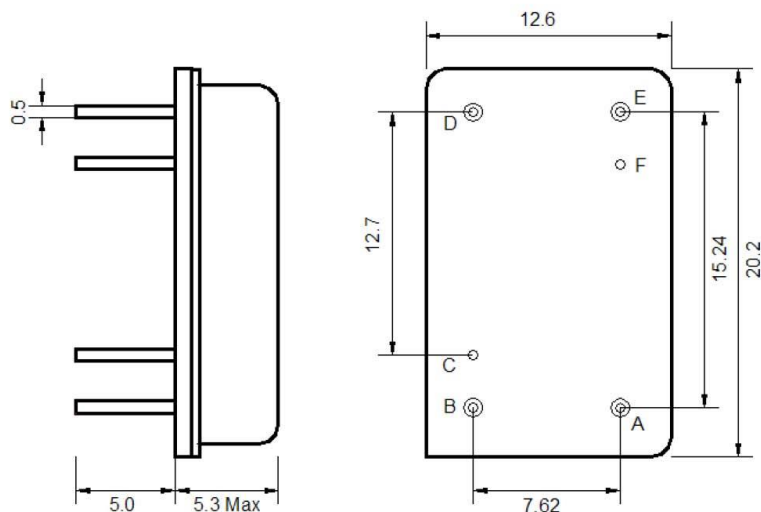
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

63 MHz Saw Filter

Part Number: AM63S199

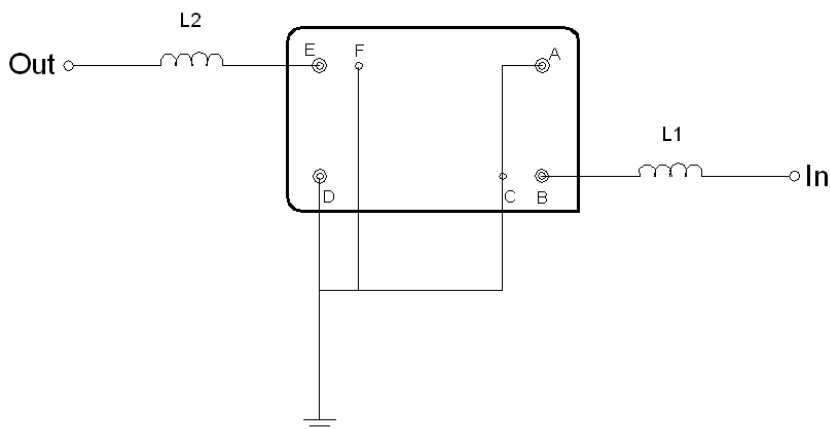


Outline Drawing:



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

Test Environment:



Test Fixture and Values	
L1 = 270 nH	Input
L2 = 270 nH	Output
50 Ω	Source/Load Impedance



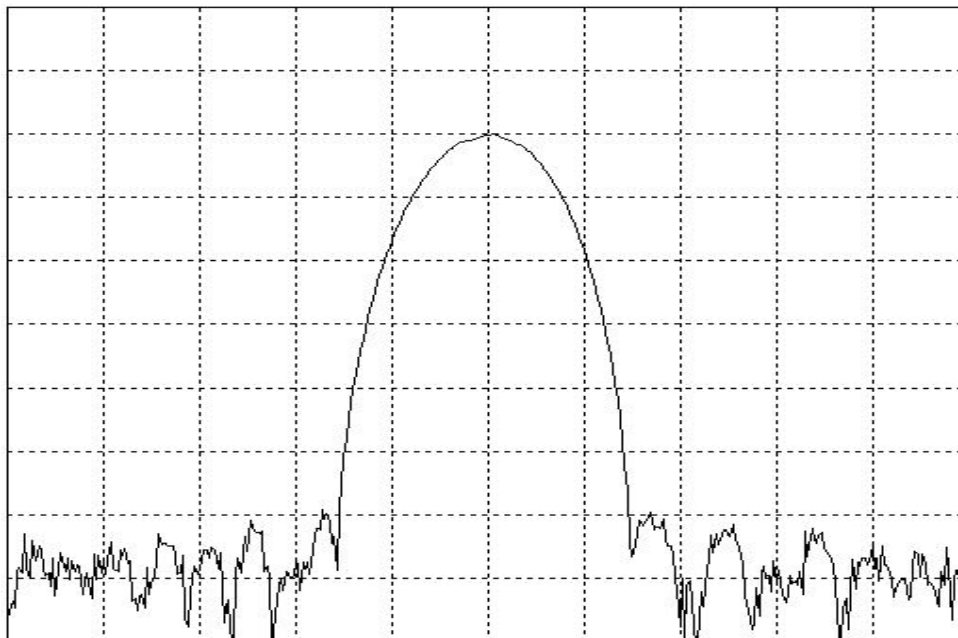
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

63 MHz Saw Filter

Part Number: AM63S199

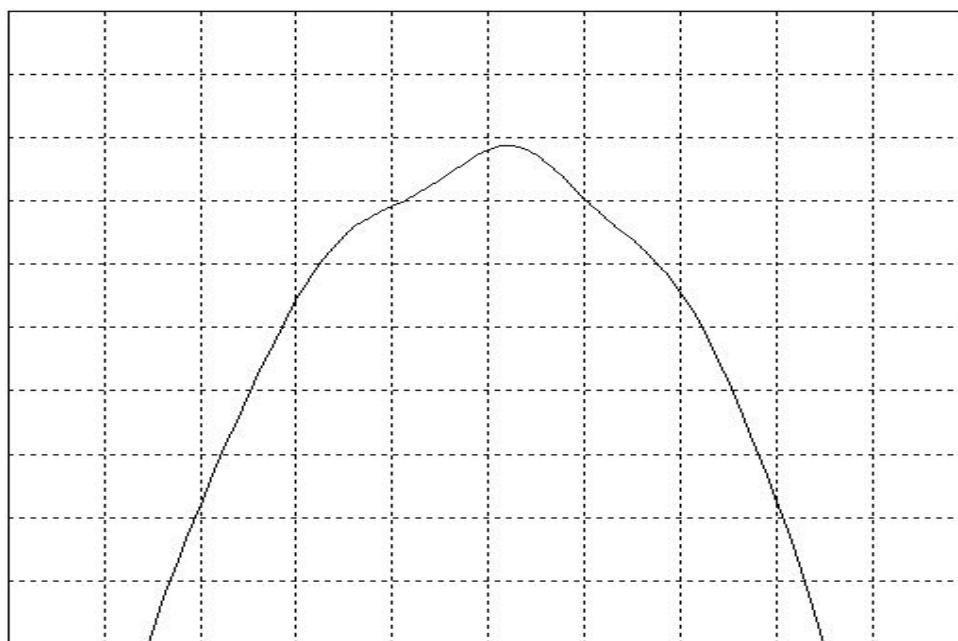


Frequency Response:



Horizontal: 500 kHz/Div

Vertical: 10 dB/Div



Horizontal: 100 kHz/Div

Vertical: 10 dB/Div