



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70 MHz Saw Filter

Part Number: AM70S940



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	69.90	70.00	70.10
Insertion Loss at Fo	dB	-	9.50	10.50
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	100	130
In/Out Return Impedance (Single)	Ω	-	50	-
Bandwidth at 1.0 dB	MHz	4.30	4.74	-
Bandwidth at 3.0 dB	MHz	5.00	5.35	-
Bandwidth at 40.0 dB	MHz	-	8.40	9.00
Ultimate Attenuation	dB	40	45	-
Temperature Coefficient	ppm/°C	-	-94	-
Package Size	13.3 x 6.5 x 2.0 mm			

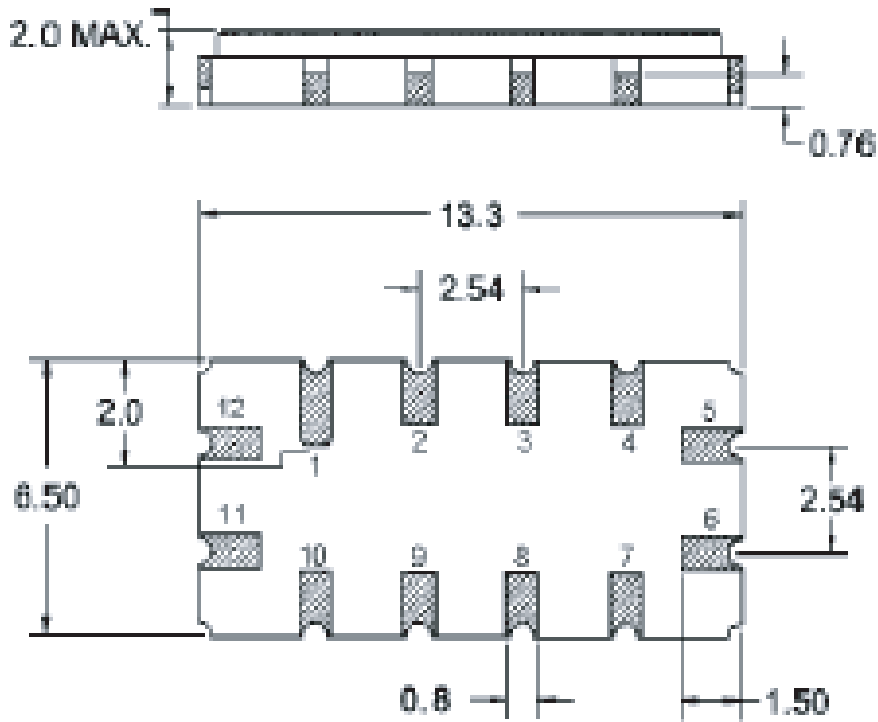


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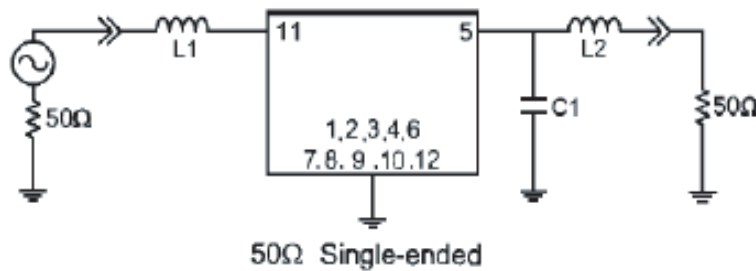


Outline Drawing:



Input : 11 , Input Gnd : 12
Output : 5 , Output Gnd : 6
Other Pins : Ground

Testing Environment:



L1=1270 nH, L2=100 nH, C1=8 pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C



Response Plot:

