



70 MHz IF Saw Filter

Part Number: AM70S724



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	69.85	70.0	70.15
Insertion Loss at Fo	dB	-	7.7	8.2
Amplitude Ripple Variation	dB _{p-p}	-	0.65	1.0
Group Delay Variation	nsec	-	145	190
Absolute Delay at Fo	µsec	-	1.07	-
Temperature Coefficient	ppm/°C	-	-84	-
Bandwidth at -1.0 dB	MHz	2.4	2.85	-
Bandwidth at -3.0 dB	MHz	3.0	3.55	-
Bandwidth at -40.0 dB	MHz	-	6.18	6.8
Ultimate Rejection	dB	40	45	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+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	13.3 x 6.5 x 1.8 mm		V	

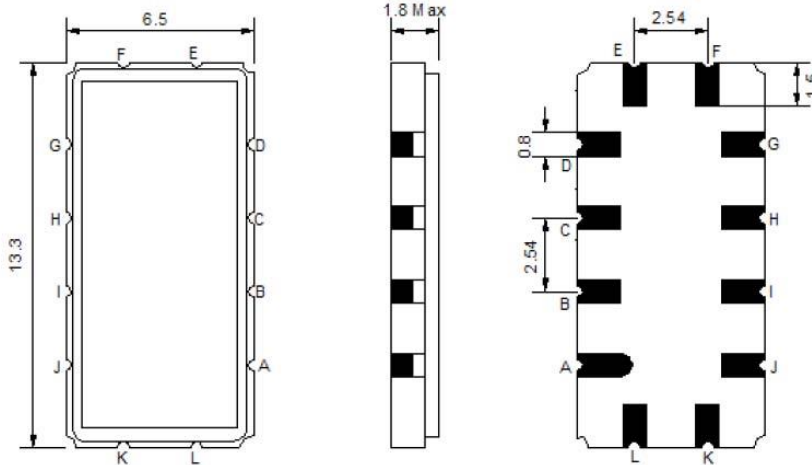


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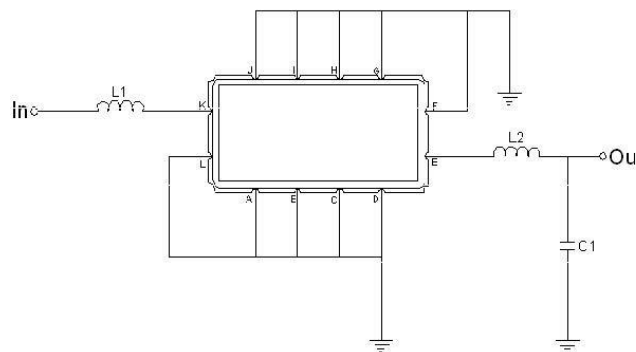


Outline Drawing:



Pin Description	
A B C D F G H I J L	Ground
K	Input
E	Output

Testing Environment:



Test Fixture & Values	
Input	L1=270 nH , Q>40
Output	L2=56 nH , Q>40 C = 22pF
Source/Load Impedance	50 Ω



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

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Frequency Response:

