

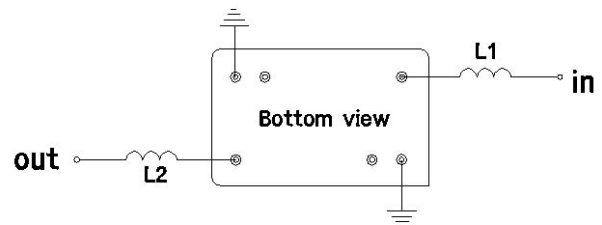
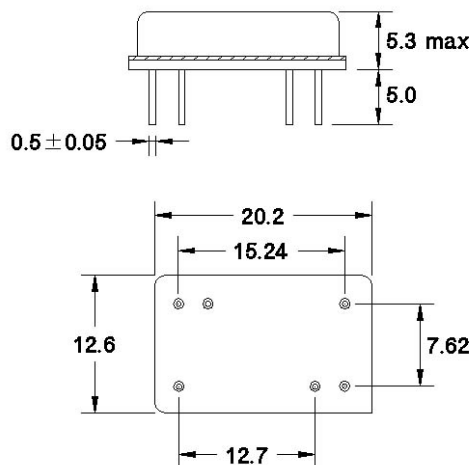
70 MHz/12.1 MHz B/W SAW Filter

162908

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB	-	23.0	26.0
1dB Bandwidth	MHz	11.6	11.9	-
3dB Bandwidth	MHz	12.1	12.4	-
40dB Bandwidth	MHz	-	14.0	14.5
Passband Ripple	dB	-	0.8	1.0
Phase Linearity	°C	-	4.5	7.0
Group Delay Variation	nsec	-	40	70
Absolute Delay	µsec	-	2.28	-
Ultimate Rejection	dB	50	55	-
Substrate Material		YZ-LN		
Ambient Temperature	°C	-	25	-

Package Outline



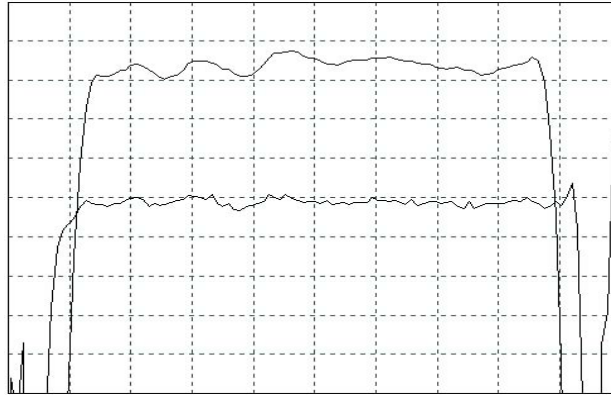
L1 = 150 nH , L2 = 3.3 nH

Source/Load Impedance = 50 Ω

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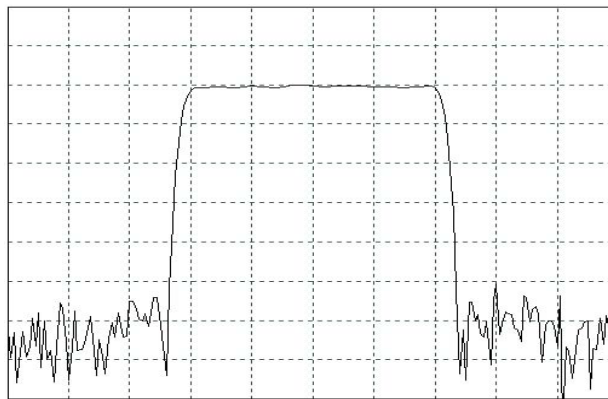
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Typical Performance – Narrowband



Horizontal : 1.6 MHz/Div
Vertical : 1 dB/Div
Vertical : 100 ns/Div

Typical Performance – Wideband



Horizontal : 3.0 MHz/Div
Vertical : 10 dB/Div

SAW PRODUCTS