

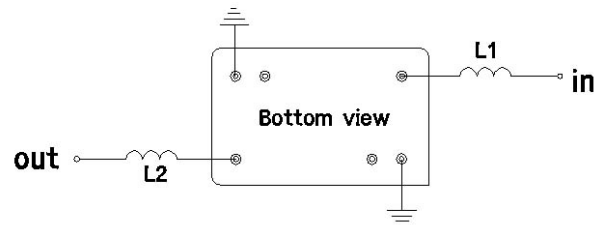
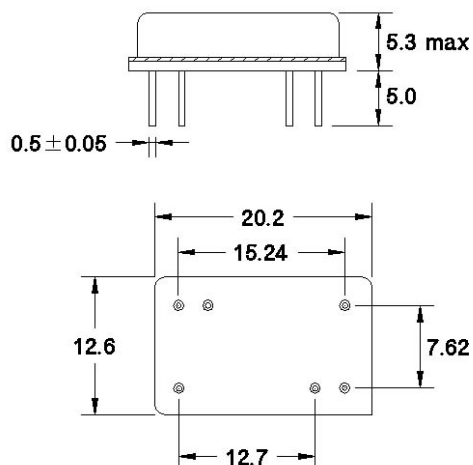
70 MHz/10.3 MHz B/W SAW Filter

162907

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.94	70.00	70.06
Insertion Loss	dB		21.0	23.0
1dB Bandwidth	MHz	10.00	10.15	
3dB Bandwidth	MHz	10.30	10.50	
40dB Bandwidth	MHz		11.95	12.10
Passband Ripple	dB		0.7	1.0
Group Delay Variation	nsec		50	100
Absolute Delay	µsec		2.31	
Ultimate Rejection	dB	50	55	
Substrate Material			LN	
Ambient Temperature	°C		25	

Package Outline



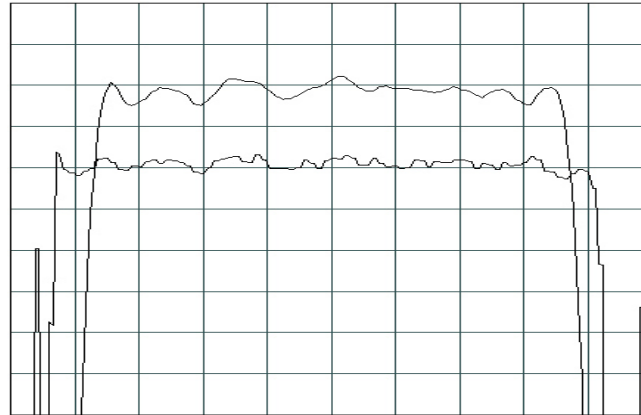
L1 = 47 nH , L2 = 47 nH

Source/Load Impedance = 50 Ω

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Typical Performance – Narrowband

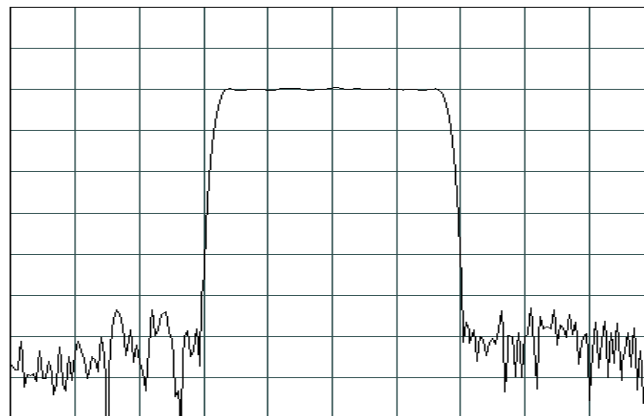


Horizontal : 1.4 MHz/Div

Vertical : 1 dB/Div

Vertical : 100 ns/Div

Typical Performance – Wideband



Horizontal : 3.0 MHz/Div

Vertical : 10 dB/Div

SAW PRODUCTS

COM DEV