

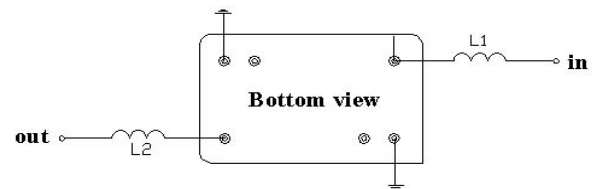
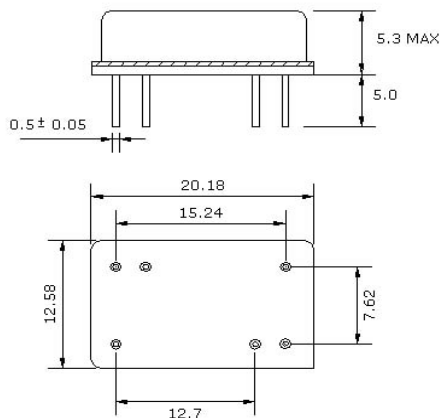
70 MHz/8.5 MHz B/W SAW Filter

162900

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.94	70.0	70.06
Insertion Loss	dB		20.0	22.0
1dB Bandwidth	MHz	8.3	8.5	
3dB Bandwidth	MHz	8.5	8.7	
40dB Bandwidth	MHz		10.2	10.5
Passband Ripple	dB		0.7	1.0
Group Delay Variation	nsec		70	100
Absolute Delay	µsec		2.55	
Ultimate Rejection	dB	50	55	
Substrate Material			YZ-LN	
Ambient Temperature	°C		25	

Package Outline



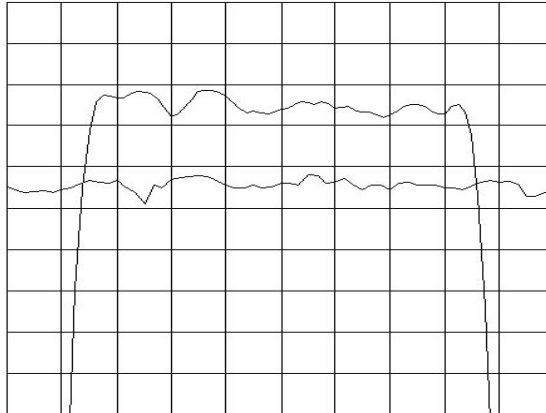
L1 , L2 = 100 nH
Source/Load Impedance = 50 Ω

SAW PRODUCTS

70 MHz/8.5 MHz B/W SAW Filter

162900

Typical Performance – Narrowband

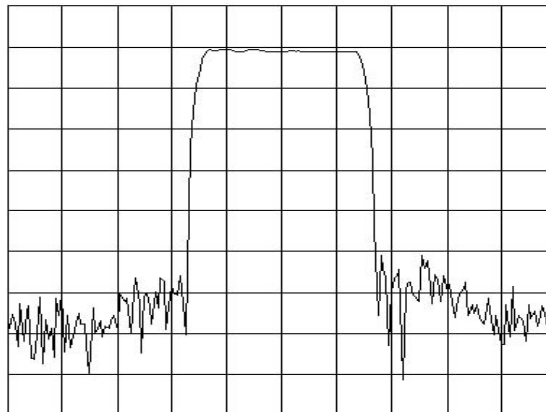


Horizontal : 1.2 MHz/Div

Vertical : 1 dB/Div

Vertical : 100 ns/Div

Typical Performance – Wideband



Horizontal : 3.0 MHz/Div

Vertical : 10 dB/Div

SAW PRODUCTS