

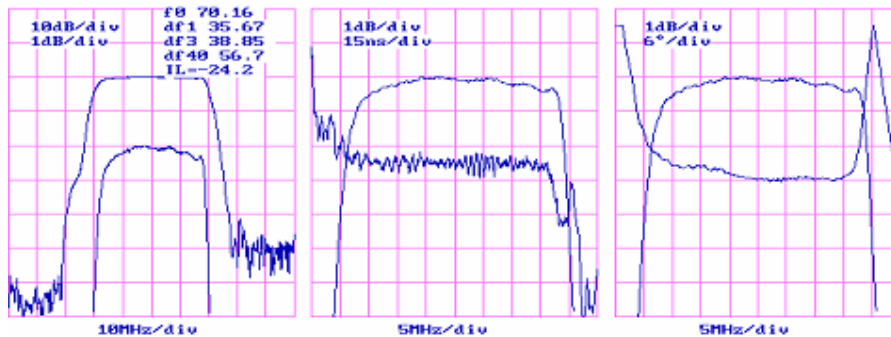


LBN7002 SAW Filter Electrical Characteristic

Specifications

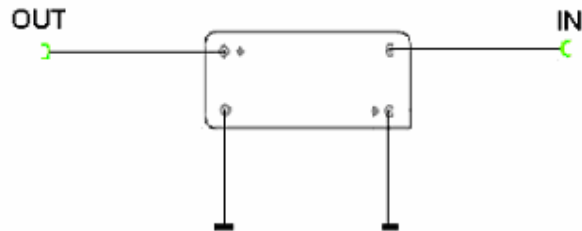
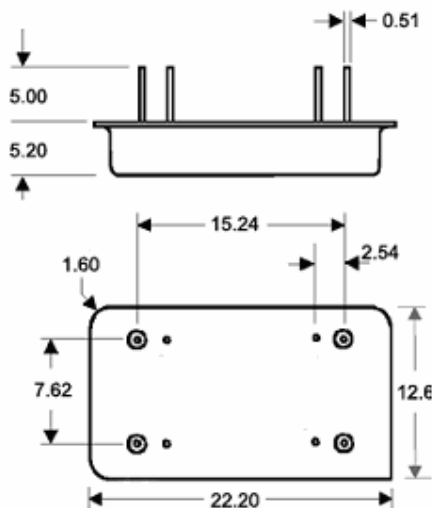
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.8	70	70.2
Insertion Loss	dB		24.2	26
1 dB Bandwidth	MHz	34.8	35.6	
3 dB Bandwidth	MHz	38	38.7	
40 dB Bandwidth	MHz		56.7	57.5
Passband Variation	dB		0.3	0.8
Phase Linearity	degrees		7	8
Group Delay Variation	nsec		20	30
Absolute Delay	usec		2	
Ultimate Rejection	dB	40	55	
Substrate Material		128-LiNbO ₃		
Ambient Temperature	° C	25		
Package Size		DIP2212 (22.2x12.6x5.2mm ³)		

Typical Performance



Package Outline

Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.