

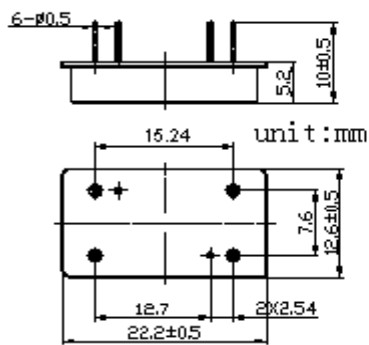
# BOTHHAND USA

**SAW FILTER**  
**P/N: LB70D1**

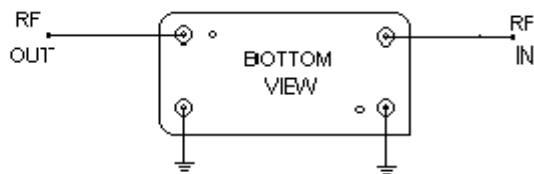
**A. Electrical Characteristic**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.5	70	70.5
Insertion Loss	dB		24.7	26
1 dB Bandwidth	MHz	36.6	37.8	
3 dB Bandwidth	MHz	40.0	41.0	
40dB Bandwidth	MHz		57.7	59.6
Passband variation	dB		0.36	0.7
Phase Linearity	degrees		5	8
Group Delay Variation	nsec		15	30
Absolute Delay	usec		2	
Ultimate Rejection	dB	40	45	
Substrate Material		128-LiNbO <sub>3</sub>		
Ambient Temperature	° C	25		
Package Size		6/14 (22.2x12.6x5.2mm <sup>3</sup> )		

**B. MECHANICAL DRAWING LBN7001**

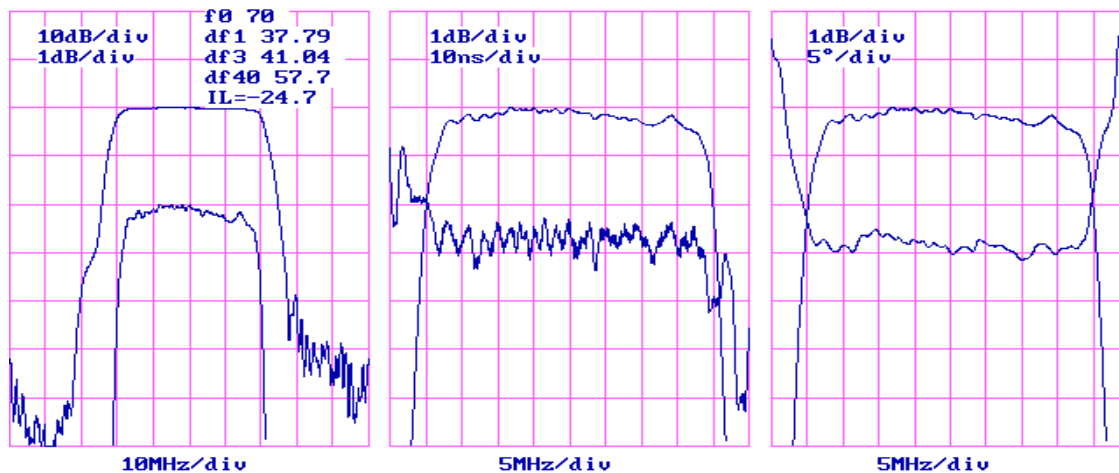


Package Outline



Matching Configuratte

**C. TYPICAL PERFORMANCE**



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