

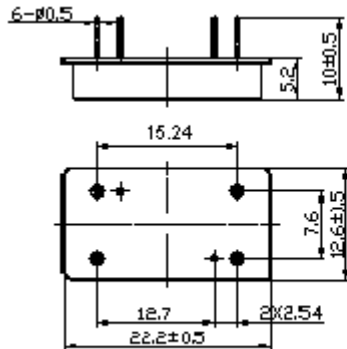
BOTHHAND USA

SAW FILTER
P/N: LB70D9

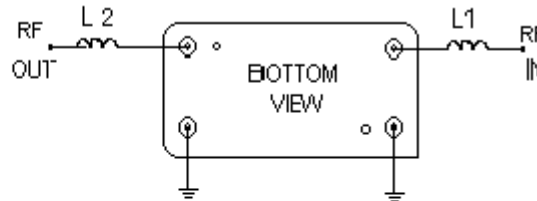
A. ELECTRICAL CHARACTERISTIC

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.8	70	70.2
Insertion Loss	dB		20.9	24
1 dB Bandwidth	MHz	22.7	23.4	
3 dB Bandwidth	MHz	24.0	24.8	
40dB Bandwidth	MHz		30.3	31.7
Passband variation	dB		0.4	1.0
Phase Linearity	degrees		4	6
Group Delay Variation	nsec		30	40
Absolute Delay	usec		1.23	
Ultimate Rejection	dB	50	55	
Substrate Material		128-LiNbO ₃		
Ambient Temperature	° C	25		
Package Size		6/14 (22.2x12.6x5.2mm ³)		

B. MECHANICAL DRAWING



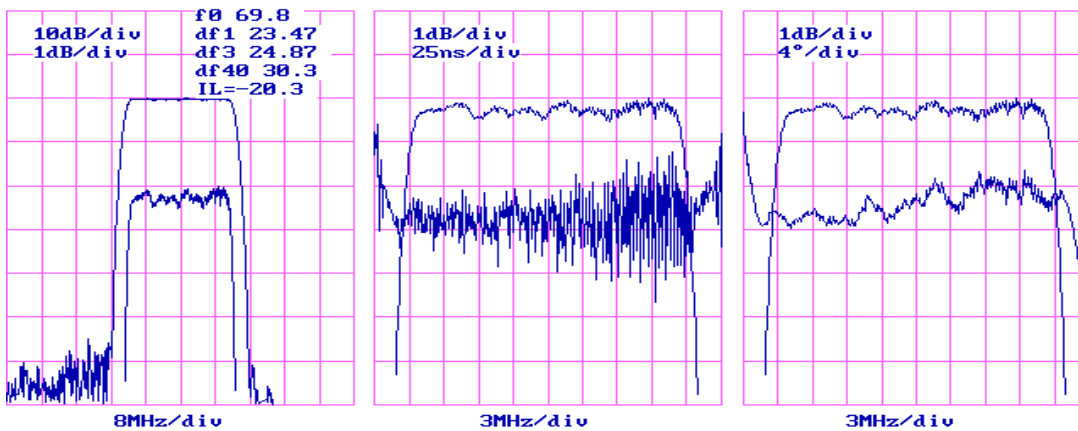
Package outline



L1= 385 nH
L2= 403 nH

Matching configuration

C. TYPICAL PERFORMANCE



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