

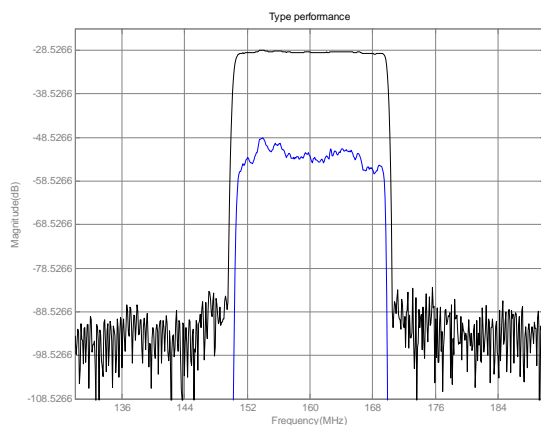


LBN16003A SAW Filter Electrical Characteristic

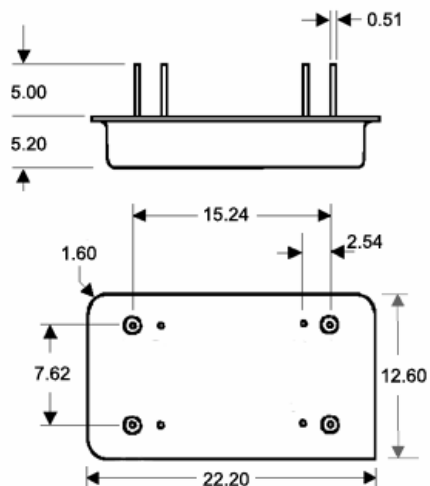
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	159.85	160	160.15
Insertion Loss	dB	-	28.5	30
1 dB Bandwidth	MHz	-	18.71	-
3 dB Bandwidth	MHz	19.4	19.41	-
40 dB Bandwidth	MHz	-	20.80	21.0
50 dB Bandwidth	MHz	-	20.92	-
Passband Variation	dB	-	0.8	1.0
Absolute Delay	usec	-	2.4	-
Ultimate Rejection	dB	50	53	-
Substrate Material		YZ LiNbO3		
Ambient Temperature	°C	25		
Package Size		DIP2212 (22.7x12.7x5.2mm ³)		

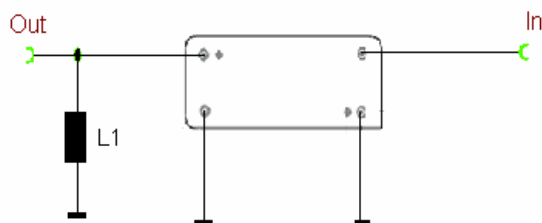
Typical Performance



Package Outline



Matching Configuration



L1=68nH

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.