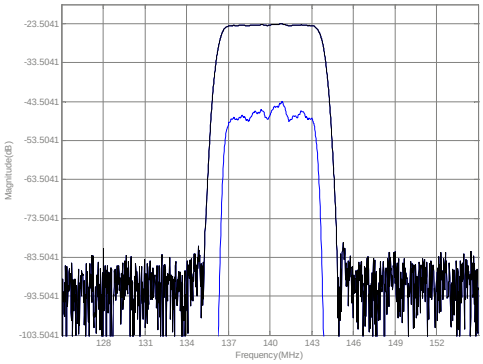
LBT14020 SAW Filter Electrical Characteristic

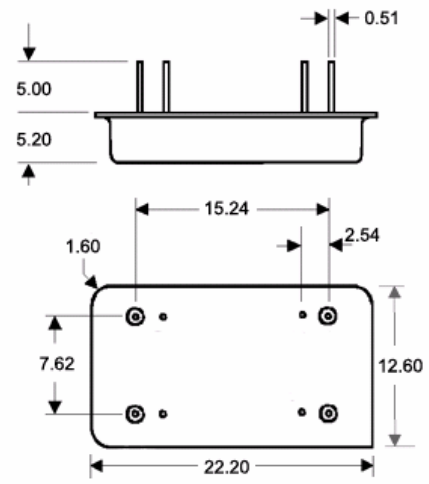
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.80	140	140.20
Insertion Loss	dB	-	23.5	27
1 dB Bandwidth	MHz	6.5	6.57	-
3 dB Bandwidth	MHz	7	7.20	
40 dB Bandwidth	MHz	-	9.10	9.20
50 dB Bandwidth	MHz	-	9.36	-
Passband Variation	dB	-	0.45	0.7
Phase Linearity	degrees		3.2	6
Group Delay Variation	nsec		60	130
Absolute Delay	usec	-	2.59	-
Ultimate Rejection	dB	50	60	-
Subatrate Material		LiTaO3		
Ambient Temperature	°C	25		
Package Size	DIP2212 (22.1x12.7x5.2mm^3)			

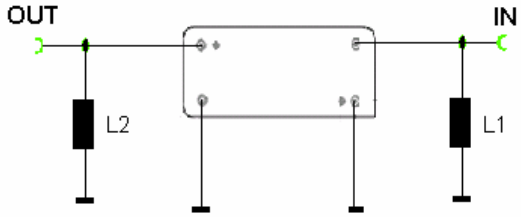
Typical Performance



Package Outline



Matching Configuration



L1=22nH L2=120nH

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout