

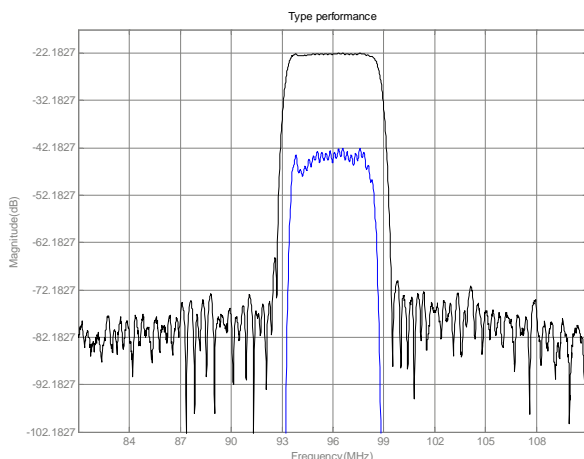


LBT09602 SAW Filter Electrical Characteristic

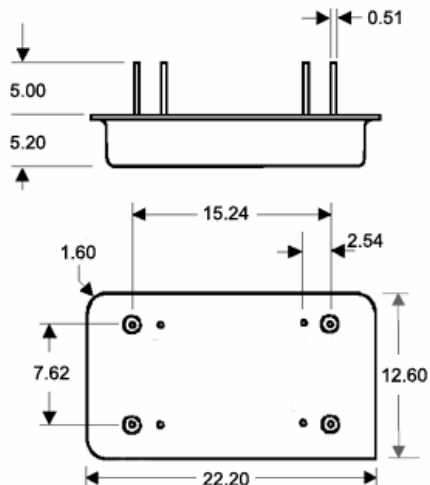
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	95.9	96	96.1
Insertion Loss	dB	-	22	24
1 dB Bandwidth	MHz	4.8	5.02	5.2
35 dB Bandwidth	MHz	-	6.59	6.8
Passband Variation	dB	-	0.5	1.0
Absolute Delay	usec	-	2.05	2.5
Ultimate Rejection	dB	50	52	-
SWR(S11)		-	1.28	2
SWR(S22)		-	1.48	2
Substrate Material		112 LT		
Ambient Temperature	°C	25		
Package Size		DIP2212 (22.1x12.7x5.2mm ³)		

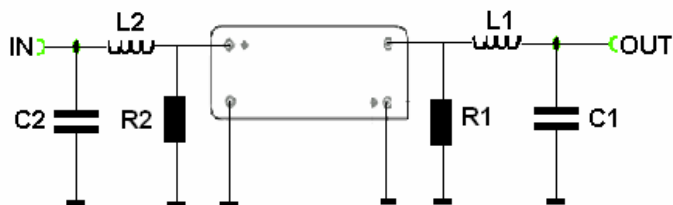
Typical Performance



Package Outline



Matching Configuration



L1=56nH L2=47nH
R1=110ohm R2=110ohm
C1=82pF C2=82pF

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.