

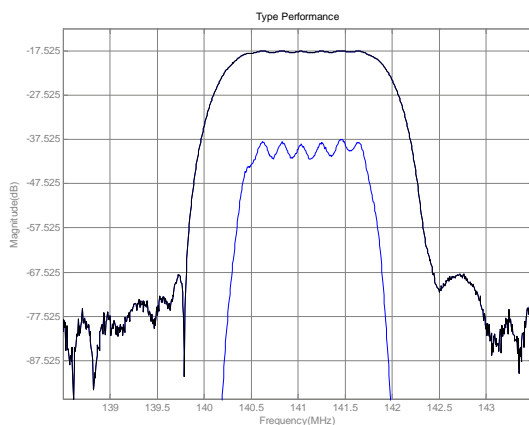


LBS14101 SAW Filter Electrical Characteristic

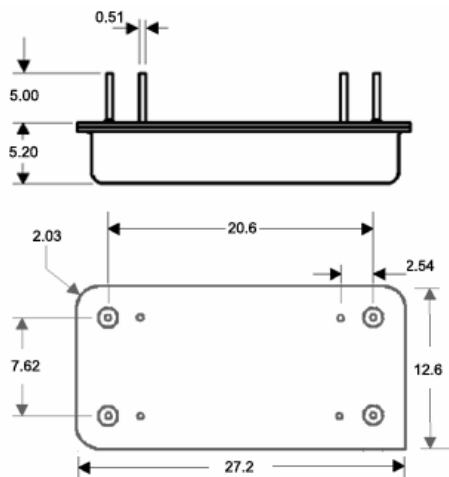
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	140.875	141	141.125
Insertion Loss	dB	-	17.2	20
1 dB Bandwidth	MHz	1.2	1.35	-
3 dB Bandwidth	MHz	1.5	1.59	-
40 dB Bandwidth	MHz	-	2.49	2.60
50 dB Bandwidth	MHz	-	2.62	2.65
Passband Variation	dB	-	0.3	0.6
Absolute Delay	usec	-	2.39	2.5
Ultimate Rejection	dB	50	53	-
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Package Size		DIP2712 (27.2x12.7x5.2mm ³)		

Typical Performance



Package Outline



Matching Configuration



L1=47nH L2=12nH

L3=18nH C1=47pF

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.