

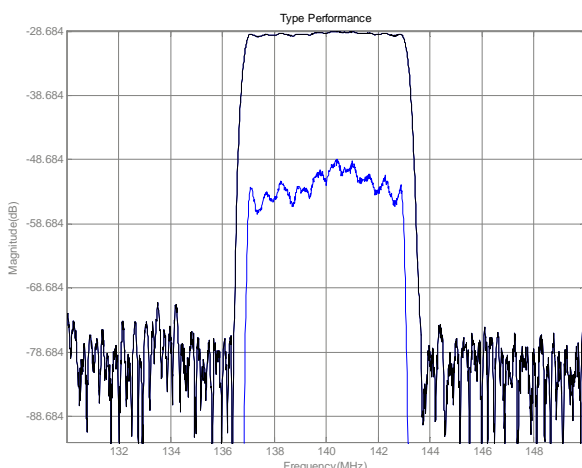


LBS14048 SAW Filter Electrical Characteristic

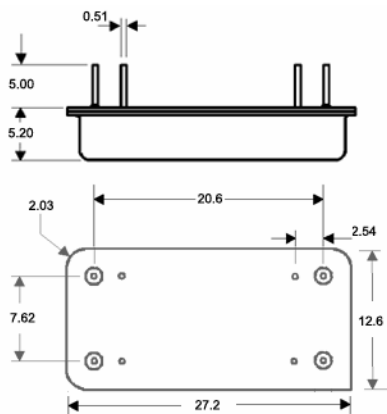
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.95	140	140.05
Insertion Loss	dB	-	28.5	30
3 dB Bandwidth	MHz	6.2	6.22	-
30 dB Bandwidth	MHz	-	6.94	7
40 dB Bandwidth	MHz	-	7.1	7.3
Passband Variation	dB	-	0.8	1
Absolute Delay	usec	-	3.219	3.5
Ultimate Rejection	dB	40	45	-
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Package Size		DIP2712 (27.2x12.7x5.2mm ³)		

Typical Performance



Package Outline



Matching Configuration



$$L1=100\text{nH}+10\text{nH} \quad L2=120\text{nH}$$

$$C1=C2=47\text{pF}$$

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.