

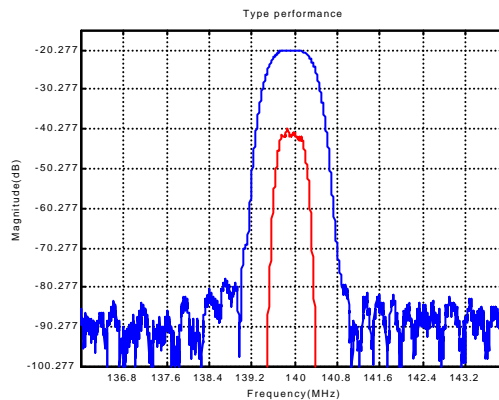


LBS14029 SAW Filter Electrical Characteristic

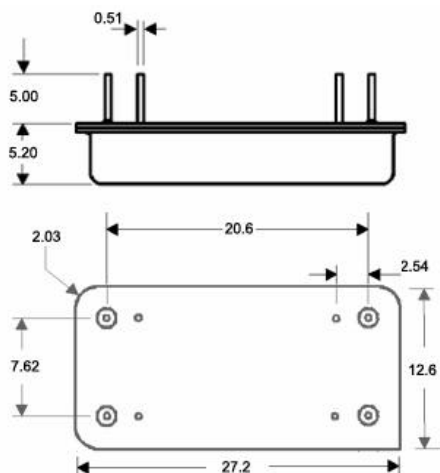
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140	140.1
Insertion Loss	dB		20.7	23
1 dB Bandwidth	MHz	0.47	0.57	
3 dB Bandwidth	MHz	0.75	0.77	
40 dB Bandwidth	MHz		1.58	1.8
50 dB Bandwidth	MHz		1.68	1.9
Passband Variation	dB		0.25	0.45
Phase Linearity	degrees		2	4
Group Delay Variation	nsec		80	240
Absolute Delay	usec		3.62	
Ultimate Rejection	dB	50	60	
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Center Frequency	DIP2712 (27.2x12.6x5.2mm ³)			

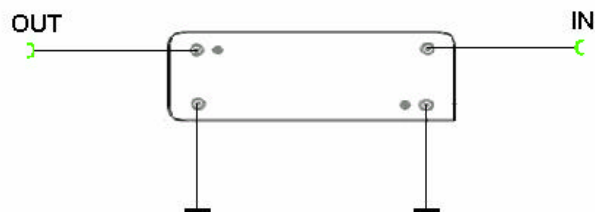
Typical Performance



Package Outline



Matching Configuration



Source/Load Impedance = 50 ohm