

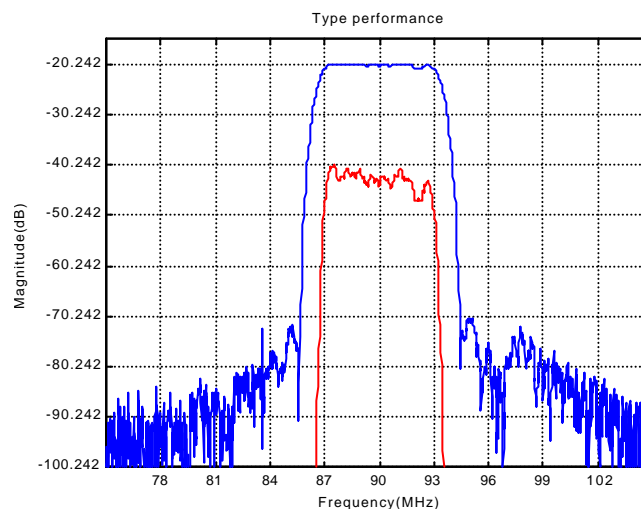


LBN9002 SAW Filter Electrical Characteristic

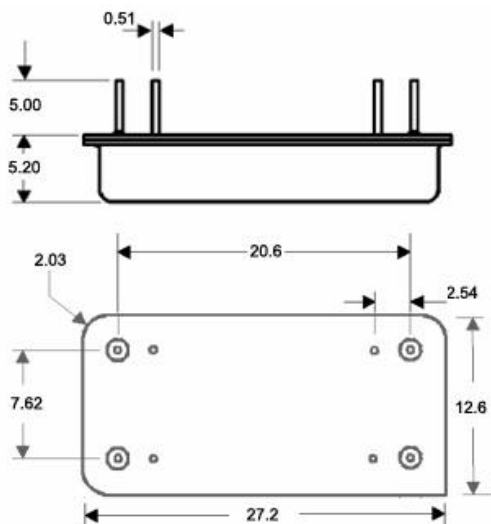
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	89.9	90	90.1
Insertion Loss	dB	-	20.2	25
1 dB Bandwidth	MHz	6	6.06	-
3 dB Bandwidth	MHz	6.4	6.6	-
40 dB Bandwidth	MHz	-	8.56	8.8
Passband Variation	dB	-	0.8	1.0
Ultimate Rejection	dB	50	55	-
Substrate Material	128 LiNbO ₃			
Ambient Temperature	° C	25		
Package Size	DIP2712(27.2X12.6X5.2mm ³)			

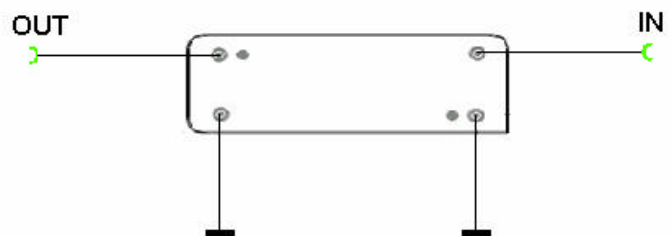
Typical Performance



Package Outline



Matching Configuration



Source/Load Impedance = 50 ohm