

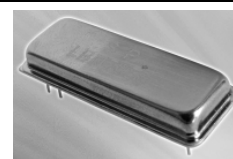
SAW Filters

140MHz Series

Features

◆LBS14039

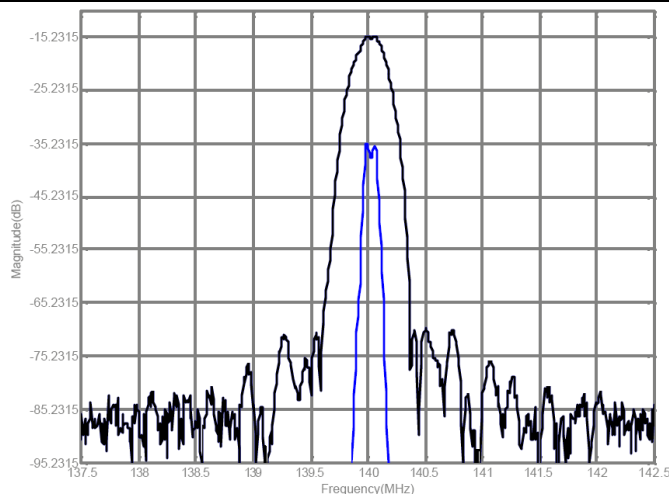
◆For base station



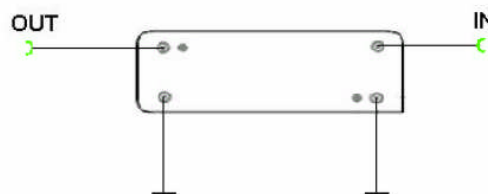
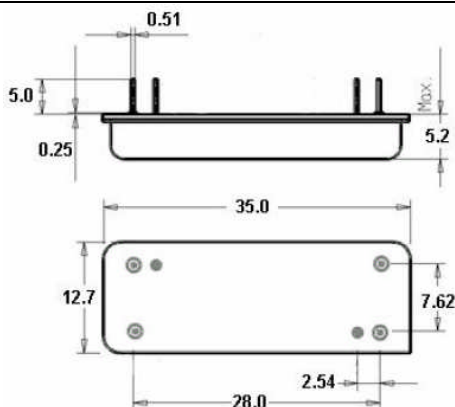
Electronic Characteristics

Item	Units	Minimum	Typical	Maximum
Center Frequency	MHz	139.90	140.00	140.10
Insertion Loss	dB	—	15.23	18
1 dB Bandwidth	MHz	—	0.13	—
3 dB Bandwidth	MHz	0.18	0.21	—
40 dB Bandwidth	MHz	—	0.66	0.80
50 dB Bandwidth	MHz	—	0.73	—
Passband Variation	dB	—	0.2	0.5
Absolute Delay	μsec	—	4.8	—
Ultimate Rejection	dB	50	55	—
Substrate Material	—	Quartz		
Ambient Temperature	°C	25		
Package Size	DIP3512(35.2×12.7×5.2mm ³)			

Typical Performance



Package & Matching Configuration



Source/Load Impedance = 50 ohm