

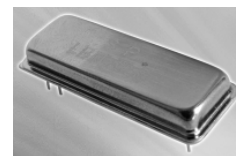
SAW Filters

160MHz Series

Features

◆LBN16003

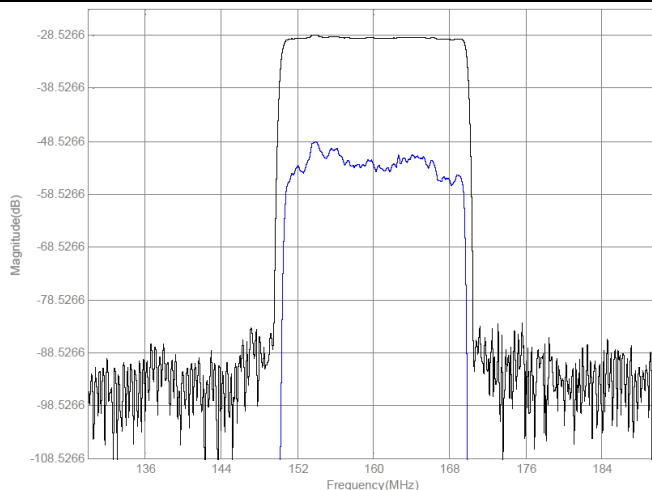
◆For base station



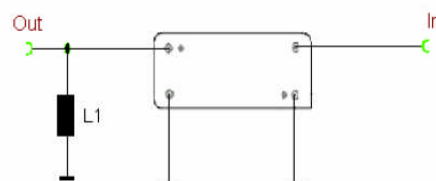
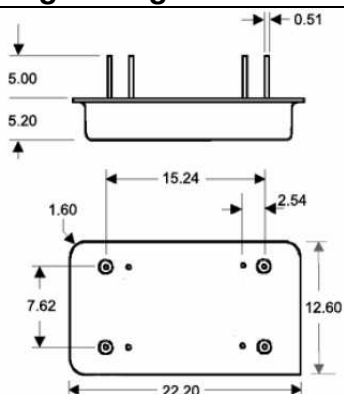
Electronic Characteristics

Item	Units	Minimum	Typical	Maximum
Center Frequency	MHz	159.85	160.00	160.15
Insertion Loss	dB	—	28.5	30
1 dB Bandwidth	MHz	—	18.7	—
3 dB Bandwidth	MHz	19.4	19.41	—
40 dB Bandwidth	MHz	—	20.80	21.0
50 dB Bandwidth	MHz	—	20.92	—
Passband Variation	dB	—	0.8	1.0
Absolute Delay	μsec	—	2.4	—
Ultimate Rejection	dB	50	53	—
Substrate Material	—	YZ LiNbO ₃		
Ambient Temperature	°C	25		
Package Size	DIP2212(22.2×12.6×5.2mm ³)			

Typical Performance



Package & Matching Configuration



L1=68nH

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.