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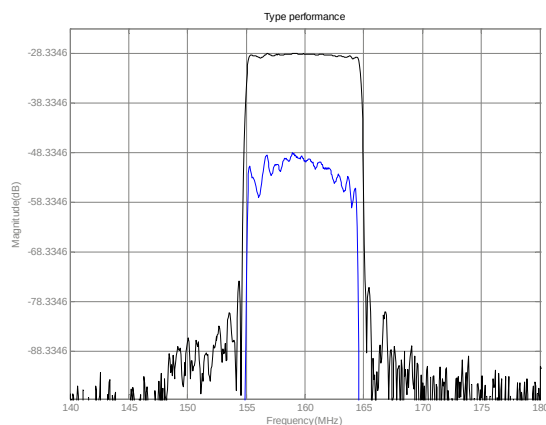
China Electronics Technology Group Corporation No.26 Research Institute

LBT16009 SAW Filter Electrical Characteristic

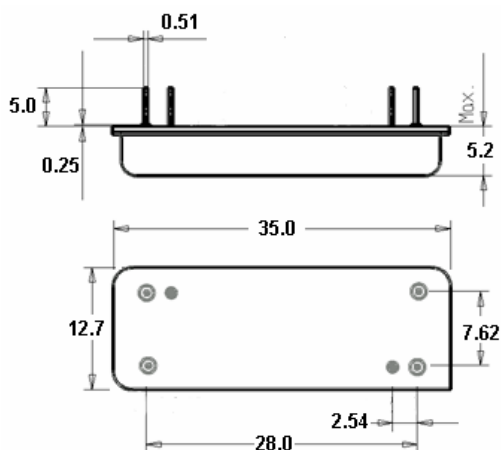
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	159.9	160	160.1
Insertion Loss	dB	-	28	29
1 dB Bandwidth	MHz	9.3	9.36	-
3 dB Bandwidth	MHz	9.5	9.59	-
40 dB Bandwidth	MHz	-	10.43	10.5
Passband Variation	dB	-	0.8	1.0
Group Delay Variation	nsec	-	90	200
Absolute Delay	usec	-	3.73	-
Ultimate Rejection	dB	45	48	-
Substrate Material		112 LiTaO ₃		
Ambient Temperature	°C	25		
Package Size		DIP3512 (35.0x12.7x5.2mm ³)		

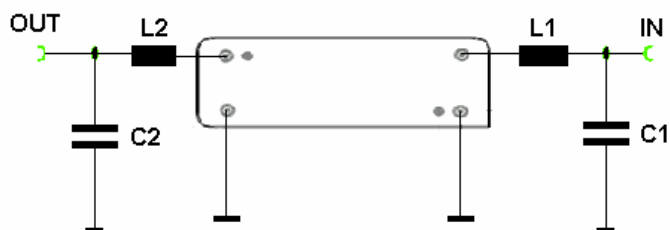
Typical Performance



Package Outline



Matching Configuration



$$L1=L2=33\text{nH}$$

$$C1=C2=39\text{pF}$$

Source /Load Impedance=50 ohm

Notes - Component values may change depending
on board layout.