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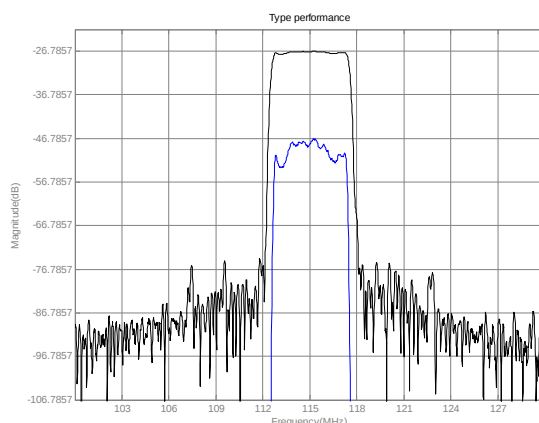
China Electronics Technology Group Corporation No.26 Research Institute

LBS11519 SAW Filter Electrical Characteristic

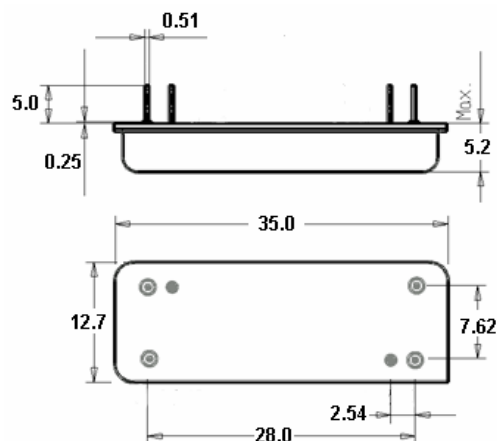
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	114.95	115	115.05
Insertion Loss	dB	-	26.78	28
3 dB Bandwidth	MHz	4.8	4.89	-
28 dB Bandwidth	MHz	-	5.52	5.6
38 dB Bandwidth	MHz	-	5.75	5.8
43 dB Bandwidth	MHz	-	5.85	6.0
Passband Variation	dB	-	0.7	1.0
Group Delay Variation	nsec	-	60	180
Absolute Delay	usec	-	3.79	-
Ultimate Rejection	dB	45	50	-
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Package Size		DIP3512 (35.0x12.7x5.2mm ³)		

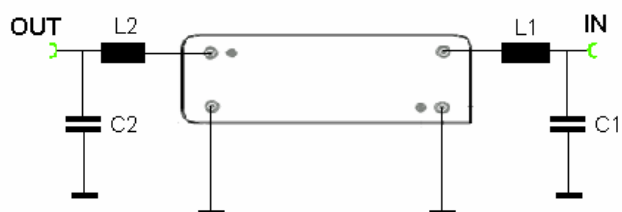
Typical Performance



Package Outline



Matching Configuration



L1=180nH L2=120nH

C1=C2=51pF

Source/Load Impedance=50 ohm

Notes - Component values may change depending
on board layout.