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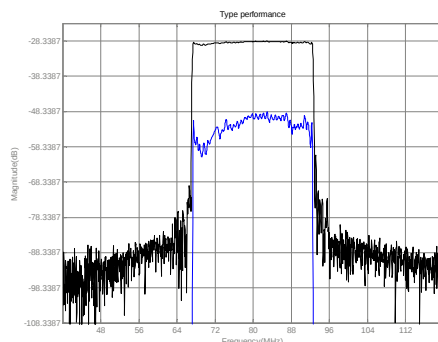
China Electronics Technology Group Corporation No.26 Research Institute

LBN08022 SAW Filter Electrical Characteristic

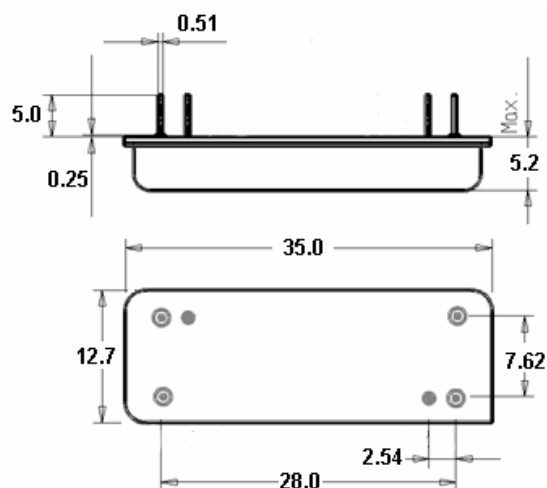
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	79.9	80	80.1
Insertion Loss	dB	-	26.5	28
Bandwidth	MHz	25	-	-
Rejection	$f_0 \pm 12.55\text{MHz}$	dB	0.8	1.5
	$f_0 \pm 12.9\text{MHz}$	dB	22.5	-
	$f_0 \pm 13.1\text{MHz}$	dB	33	-
	$f_0 \pm 13.5\text{MHz}$	dB	40	-
Ultimate Rejection($f \pm 13.5\text{MHz}$ 以外)	dB	-	40	-
Passband variation	dB	-	1.2	1.5
Absolute Delay	usec	-	2.96	3
Substrate Material	YZ-LN			
Ambient Temperature	25°C			
Operation Temperature	-40~+85°C			
Package Size	DIP3512 (35x12.7x5.2mm ³)			

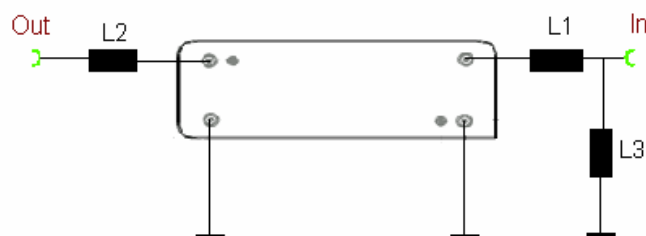
Typical Performance



Package Outline



Matching Configuration



$$L1 = L2 = 56\text{nH}$$

$$L3 = 100\text{nH}$$

Source / Load Impedance = 50 ohm

Notes - Component values may change depending on board layout.