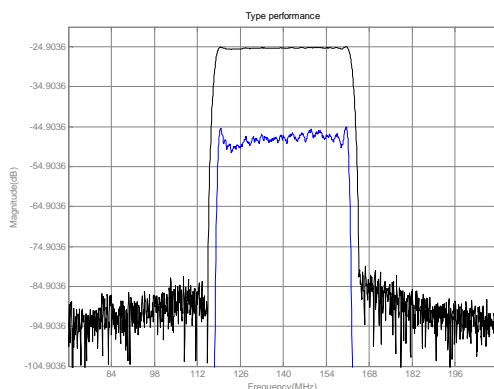




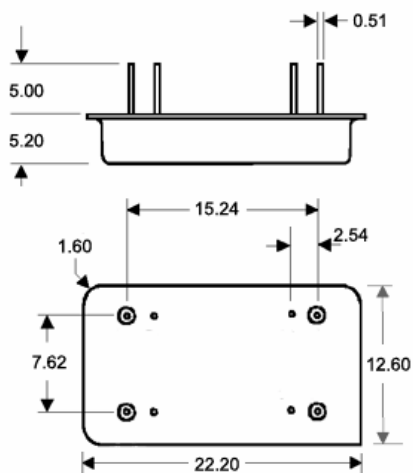
LBN14041 SAW Filter Electrical Characteristic

<i>Specifications</i>				
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.75	140	140.25
Insertion Loss	dB	-	24.6	25
1 dB Bandwidth	MHz	41.5	42.82	-
3 dB Bandwidth	MHz	43.5	43.92	-
40 dB Bandwidth	MHz	-	48.64	50.0
50 dB Bandwidth	MHz	-	49.05	-
Amplitude ripple (Fc ± 7 MHz)	dB	-	0.5	0.8
Phase ripple (Fc ± 7 MHz)	deg.	-	3	5
Group delay ripple (Fc ± 7 MHz)	nsec	-	15	40
Absolute Delay	usec	-	1.0	-
Ultimate Rejection	dB	50	60	-
Subatrate Material		128 LN		
Ambient Temperature	°C	25		
Package Size		DIP2212 (22.1x12.7x5.2mm ³)		

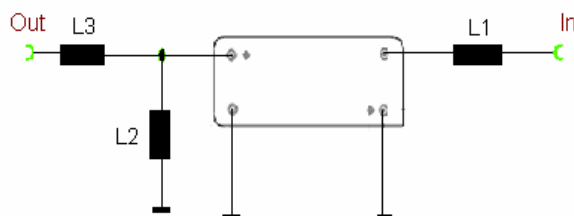
Typical Performance



Package Outline



Matching Configuration



$$L1=L2=100\text{nH} \quad L3=120\text{nH}$$

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.