

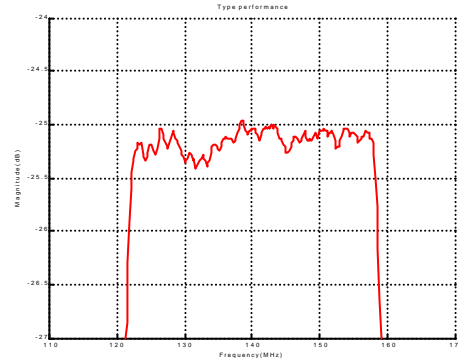
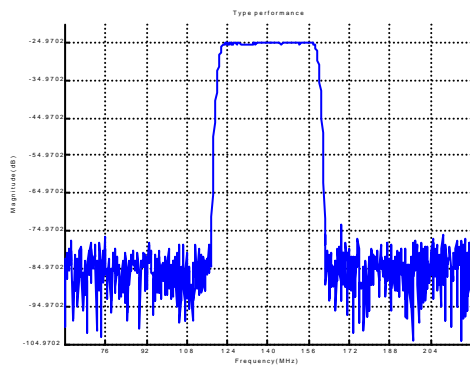


LBN14034 SAW Filter Electrical Characteristic

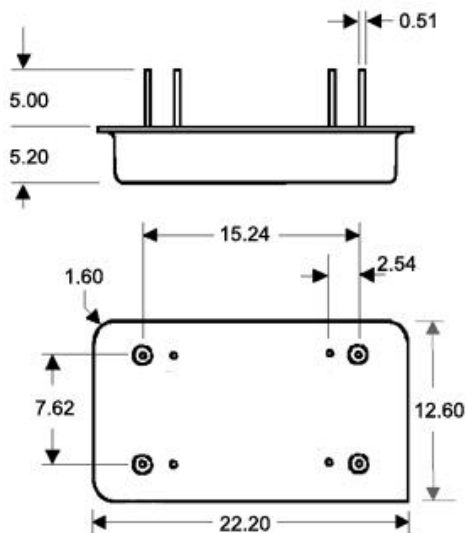
Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|-----------------------|---|---------|---------|---------|
| Center Frequency | MHz | 139.8 | 140 | 140.2 |
| Insertion Loss | dB | | 24.5 | 26 |
| 1 dB Bandwidth | MHz | 35.5 | 36.5 | |
| 3 dB Bandwidth | MHz | 37.5 | 38 | |
| 40 dB Bandwidth | MHz | | 44.1 | 44.5 |
| Passband variation | dB | | 0.5 | 1.0 |
| Group Delay Variation | nsec | | 20 | 30 |
| Phase Linearity | deg | | 4 | 7 |
| Ultimate Rejection | dB | 50 | 53 | |
| Substrate Material | | 128 LN | | |
| Ambient Temperature | °C | 25 | | |
| Package Size | DIP2212 (22.1x12.7x5.2mm ³) | | | |

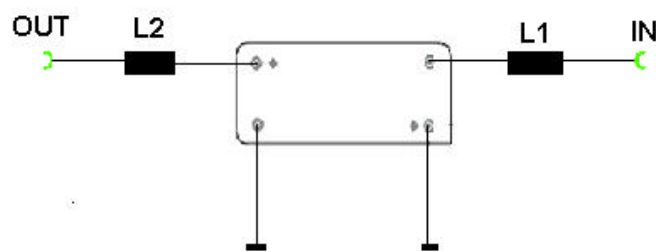
Typical Performance



Package Outline



Matching Configuration



L1=68nH L2=82nH

Source/Load Impedance = 50 ohm