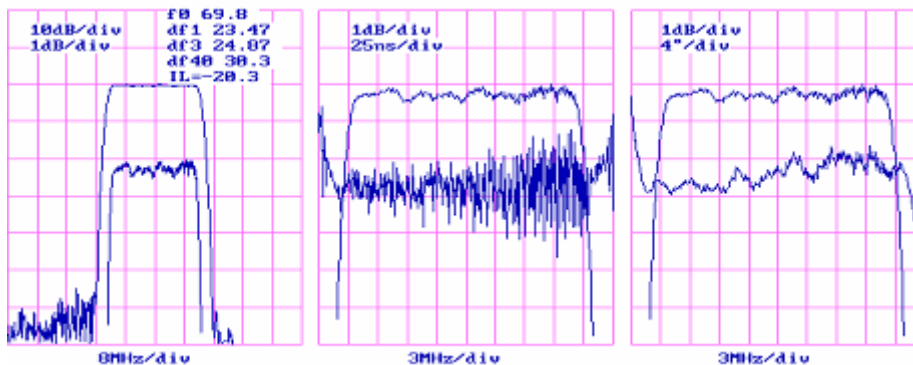




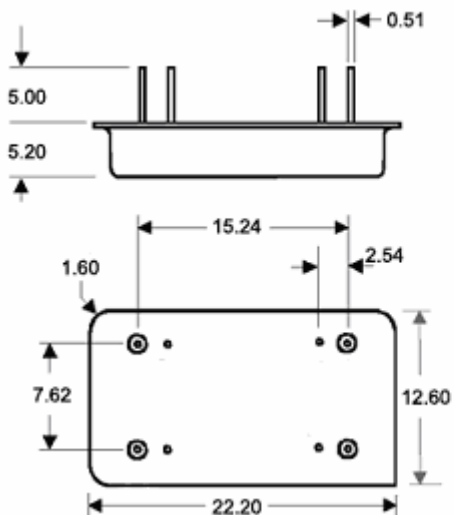
LBN7009 SAW Filter Electrical Characteristic

| <i>Specifications</i> | | | | |
|------------------------------|---|------------------------|---------|---------|
| Parameter | Unit | Minimum | Typical | Maximum |
| Center Frequency | MHz | 69.8 | 70 | 70.2 |
| Insertion Loss | dB | | 20.9 | 24 |
| 1 dB Bandwidth | MHz | 22.7 | 23.4 | |
| 3 dB Bandwidth | MHz | 24.0 | 24.8 | |
| 40 dB Bandwidth | MHz | | 30.3 | 31.7 |
| Passband Variation | dB | | 0.4 | 1.0 |
| Phase Linearity | degrees | | 4 | 6 |
| Group Delay Variation | nsec | | 30 | 40 |
| Absolute Delay | usec | | 1.23 | |
| Ultimate Rejection | dB | 50 | 55 | |
| Substrate Material | | 128-LiNbO ₃ | | |
| Ambient Temperature | ° C | 25 | | |
| Package Size | DIP2212 (22.2x12.6x5.2mm ³) | | | |

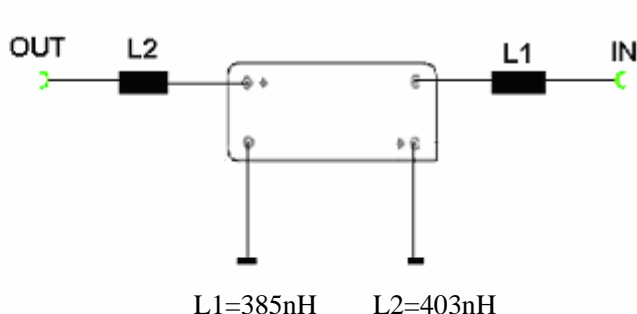
Typical Performance



Package Outline



Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.