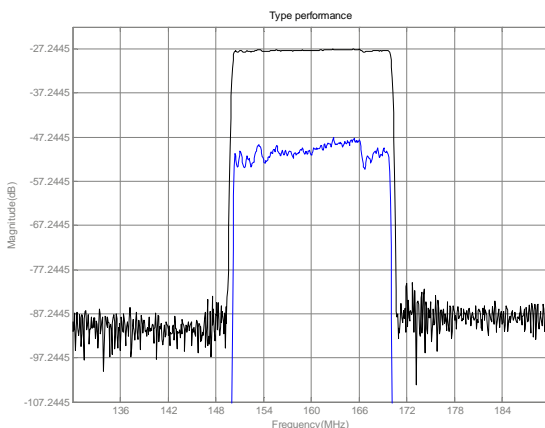




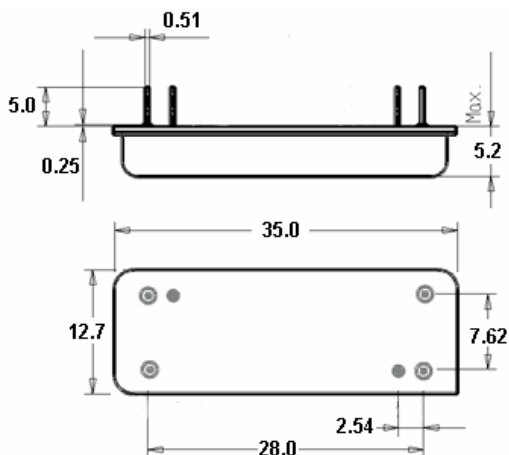
LBN16007 SAW Filter Electrical Characteristic

| <i>Specifications</i> | | | | |
|----------------------------|------|---|---------|---------|
| Parameter | Unit | Minimum | Typical | Maximum |
| Center Frequency | MHz | 159.9 | 160 | 160.1 |
| Insertion Loss | dB | - | 27.2 | 28 |
| 1 dB Bandwidth | MHz | - | 19.63 | - |
| 3 dB Bandwidth | MHz | 19.8 | 19.91 | - |
| 40 dB Bandwidth | MHz | - | 20.92 | 21.0 |
| 50 dB Bandwidth | MHz | - | 21.04 | - |
| Passband Variation | dB | - | 0.6 | 1.0 |
| Absolute Delay | usec | - | 2.83 | 3.0 |
| Ultimate Rejection | dB | 50 | 55 | - |
| Substrate Material | | YZ LiNbO3 | | |
| Ambient Temperature | °C | 25 | | |
| Package Size | | DIP3512 (35.0x12.7x5.2mm ³) | | |

Typical Performance



Package Outline



Matching Configuration



L1 = 100nH

Source/Load Impedance = 50 ohm

Notes - Component values may change depending on board layout.