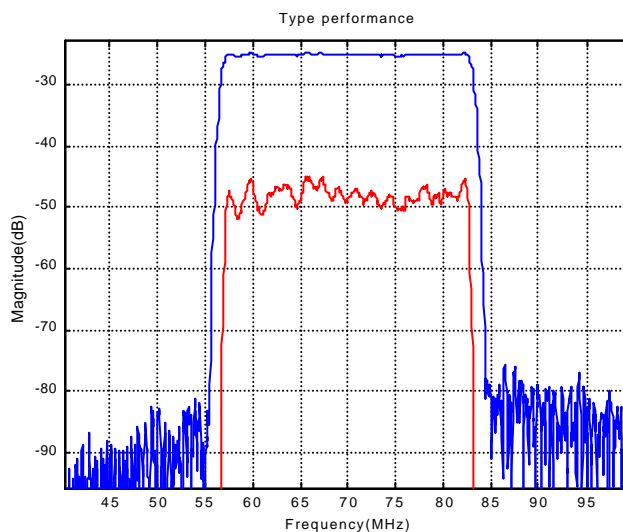


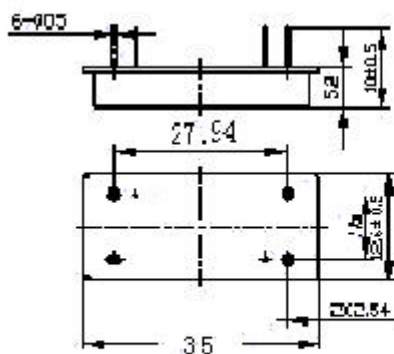


LBN7050 SAW Filter Electrical Characteristic

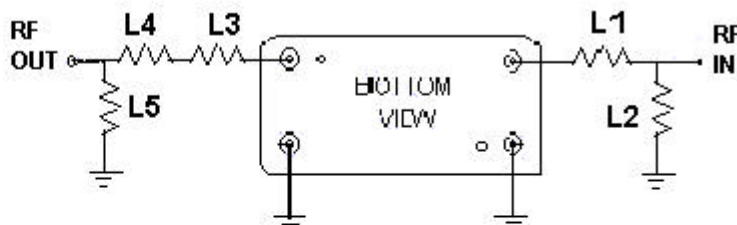
| Parameter | Unit | Minimum | Typical | Maximum |
|-----------------------|------|--|---------|---------|
| Center Frequency | MHz | 69.95 | 70.0 | 70.05 |
| Insertion Loss | dB | | 24.5 | 25 |
| 1dB Bandwidth | MHz | - | 25.63 | |
| 3dB Bandwidth | MHz | 26.0 | 26.22 | |
| 40dB Bandwidth | MHz | | 28.56 | 28.90 |
| Passband Variation | dB | | 0.6 | 1.0 |
| Ultimate Rejection | dB | 50 | 55 | |
| Absolute Delay | usec | | 1.805 | - |
| Group Delay Variation | nsec | | 40 | - |
| Substrate Material | | 128-LiNbO ₃ | | |
| Ambient Temperature | C | 25 | | |
| Package Size | | DIP3512(35.0 × 12.6 × 5.2mm ³) | | |



LBN7050 SAW Filter Typical Performance



Package Outline



L1=180nH L2=220nH L3=150nH
L4=18nH L5=180nH

Source/Load Impedance=50ohm

Matching Configuration

Package