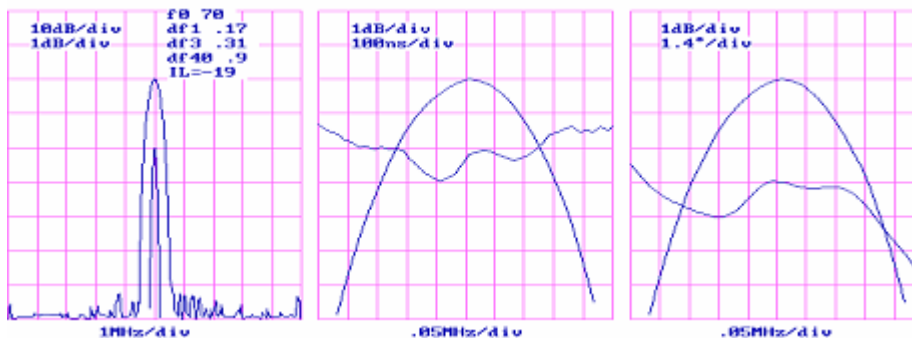




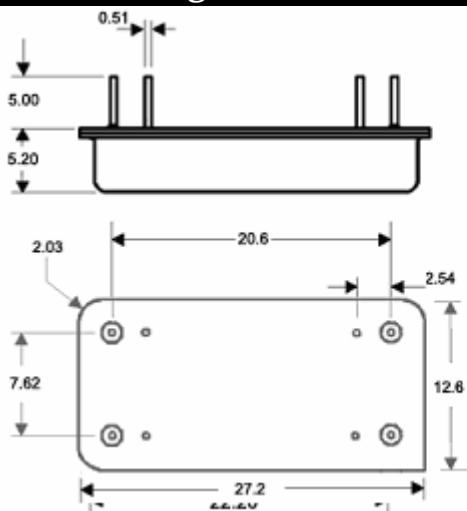
LBS7040 SAW Filter Electrical Characteristic

| <i>Specifications</i> | | | | |
|------------------------------|---|---------|---------|---------|
| Parameter | Unit | Minimum | Typical | Maximum |
| Center Frequency | MHz | 69.96 | 70 | 70.04 |
| Insertion Loss | dB | | 19 | 20 |
| 1 dB Bandwidth | MHz | 0.16 | 0.17 | |
| 3 dB Bandwidth | MHz | 0.25 | 0.3 | |
| 40 dB Bandwidth | MHz | | 0.93 | 1.0 |
| Passband Variation | dB | | 0.0 | 0.1 |
| Phase Linearity | degrees | | 1.4 | 3 |
| Group Delay Variation | nsec | | 100 | 300 |
| Absolute Delay | usec | | 3.6 | |
| Ultimate Rejection | dB | 50 | 60 | |
| Substrate Material | | Quartz | | |
| Ambient Temperature | ° C | 25 | | |
| Package Size | DIP2712 (27.2X12.6X5.2mm ³) | | | |

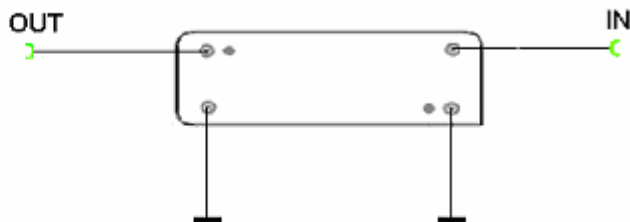
Typical Performance



Package Outline



Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.