

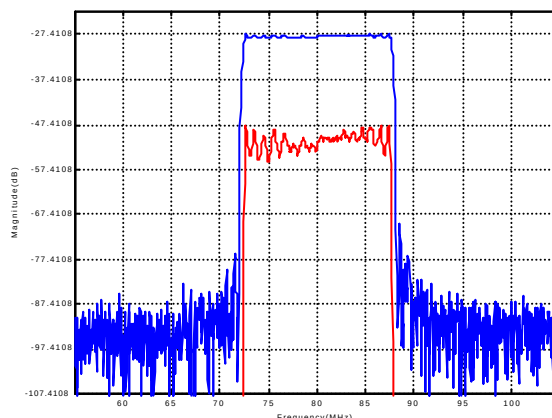


## LBN12001 SAW Filter Electrical Characteristic

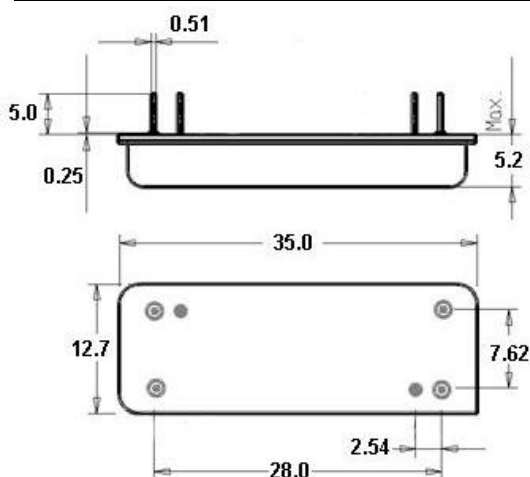
### Specifications

| Parameter           | Unit | Minimum                                 | Typical | Maximum |
|---------------------|------|-----------------------------------------|---------|---------|
| Center Frequency    | MHz  | 119.875                                 | 120     | 120.125 |
| Insertion Loss      | dB   |                                         | 27      | 28      |
| 1.5 dB Bandwidth    | MHz  | 19.1                                    | 19.12   |         |
| 18 dB Bandwidth     | MHz  |                                         | 19.77   | 19.9    |
| 25 dB Bandwidth     | MHz  |                                         | 19.91   | 20.2    |
| 30 dB Bandwidth     | MHz  |                                         | 19.99   | 20.5    |
| 35 dB Bandwidth     | MHz  |                                         | 20.18   | 23      |
| Passband variation  | dB   |                                         | 0.9     | 1.5     |
| Absolute Delay      | usec |                                         | 2.60    | 2.75    |
| Ultimate Rejection  | dB   | 35                                      | 55      |         |
| Substrate Material  |      | YZ LN                                   |         |         |
| Ambient Temperature | °C   | 25                                      |         |         |
| Package Size        |      | DIP3512 (35.0x12.7x5.2mm <sup>3</sup> ) |         |         |

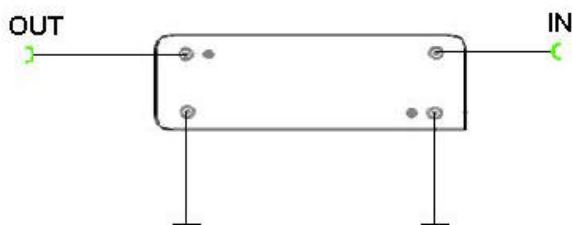
### Typical Performance



### Package Outline



### Matching Configuration



Source/Load Impedance = 50 ohm