

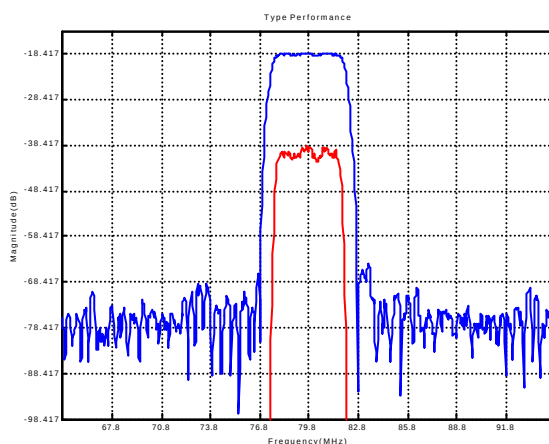


## LBT07901 SAW Filter Electrical Characteristic

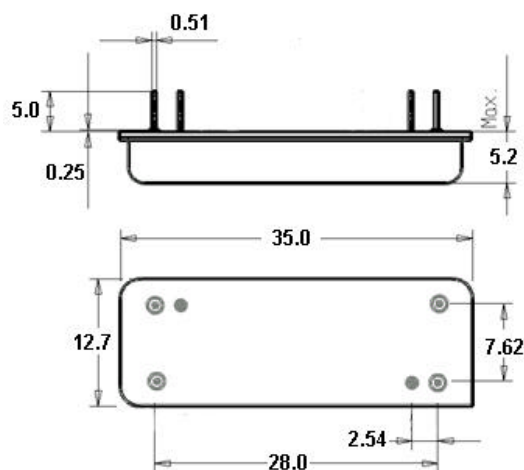
### Specifications

| Parameter           | Unit | Minimum                                 | Typical | Maximum |
|---------------------|------|-----------------------------------------|---------|---------|
| Center Frequency    | MHz  | 79.7                                    | 79.8    | 79.9    |
| Insertion Loss      | dB   |                                         | 18.41   | 25      |
| 1 dB Bandwidth      | MHz  | 3.95                                    | 4.02    |         |
| 3 dB Bandwidth      | MHz  | 4.1                                     | 4.41    |         |
| 40 dB Bandwidth     | MHz  |                                         | 5.70    | 6.1     |
| Passband variation  | dB   |                                         | 0.2     | 1.0     |
| Absolute Delay      | usec |                                         | 1.98    | 2.2     |
| Ultimate Rejection  | dB   | 40                                      | 45      |         |
| Substrate Material  |      | 112 LT                                  |         |         |
| Ambient Temperature | °C   | 25                                      |         |         |
| Package Size        |      | DIP3512 (35.0x12.7x5.2mm <sup>3</sup> ) |         |         |

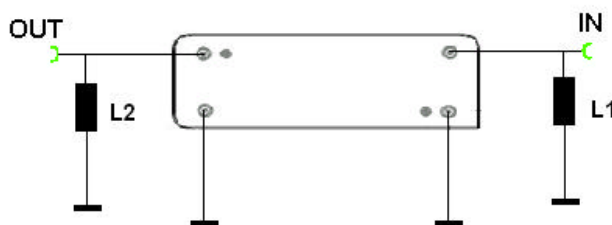
### Typical Performance



### Package Outline



### Matching Configuration



L1=100nH L2=82nH

Source/Load Impedance = 50 ohm