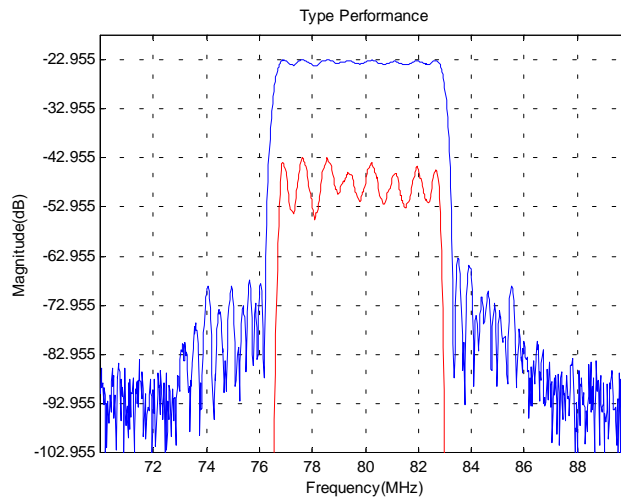




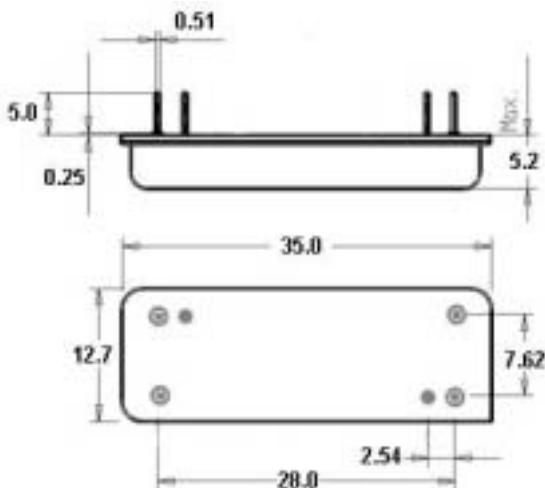
LBN08009 SAW Filter Electrical Characteristic

| <i>Specifications</i>      |   |         |         |         |
|----------------------------|---|---------|---------|---------|
| Parameter                  | Unit                                    | Minimum | Typical | Maximum |
| <b>Center Frequency</b>    | MHz                                     | 79.875  | 80      | 80.125  |
| <b>Insertion Loss</b>      | dB                                      |         | 22.9    | 25      |
| <b>1.5 dB Bandwidth</b>    | MHz                                     | 6.1     | 6.13    |         |
| <b>18 dB Bandwidth</b>     | MHz                                     | -       | 6.78    | 6.9     |
| <b>30 dB Bandwidth</b>     | MHz                                     |         | 7.03    | 7.5     |
| <b>Passband variation</b>  | dB                                      |         | 1.2     | 1.5     |
| <b>Absolute Delay</b>      | usec                                    |         | 2.6     | 2.75    |
| <b>Ultimate Rejection</b>  | dB                                      | 35      | 42      |         |
| <b>Substrate Material</b>  |   | YZ LN   |         |         |
| <b>Ambient Temperature</b> | °C                                      | 25      |         |         |
| <b>Package Size</b>        | DIP3512 (35.0x12.7x5.2mm <sup>3</sup> ) |         |         |         |

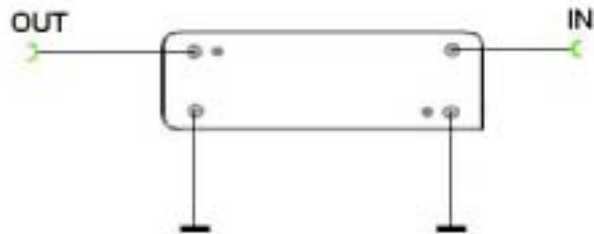
*Typical Performance*



*Package Outline*



*Matching Configuration*



Source/Load Impedance = 50 ohm