

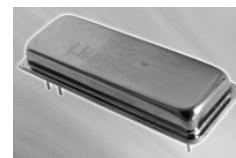
SAW Filters

70MHz Series

Features

◆LBS7036

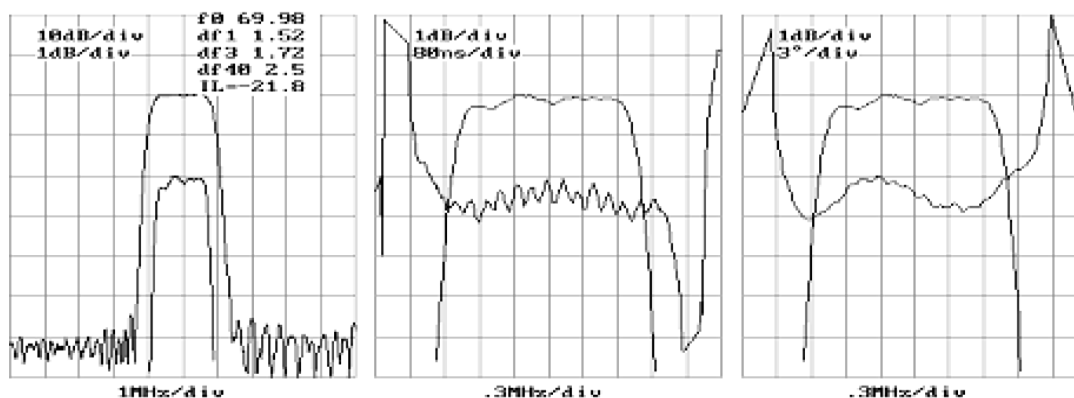
◆For base station



Electronic Characteristics

| Item                  | Units                                | Minimum | Typical | Maximum |
|-----------------------|--------------------------------------|---------|---------|---------|
| Center Frequency      | MHz                                  | 69.92   | 70.00   | 70.08   |
| Insertion Loss        | dB                                   | —       | 21.8    | 25      |
| 1 dB Bandwidth        | MHz                                  | 1.3     | 1.5     | —       |
| 3 dB Bandwidth        | MHz                                  | 1.5     | 1.7     | —       |
| 40 dB Bandwidth       | MHz                                  | —       | 2.5     | 2.8     |
| Passband Variation    | dB                                   | —       | 0.3     | 0.5     |
| Phase Linearity       | degrees                              | —       | 3       | 6       |
| Group Delay Variation | nsec                                 | —       | 80      | 200     |
| Absolute Delay        | μsec                                 | —       | 3.7     | —       |
| Ultimate Rejection    | dB                                   | 50      | 60      | —       |
| Subatrate Material    | —                                    | Quartz  |         |         |
| Ambient Temperature   | °C                                   | 25      |         |         |
| Package Size          | DIP2712(27×12.6×5.2mm <sup>3</sup> ) |         |         |         |

Typical Performance



Package & Matching Configuration

