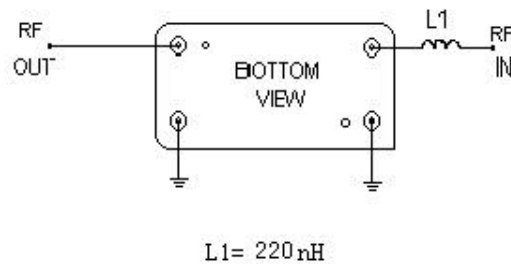
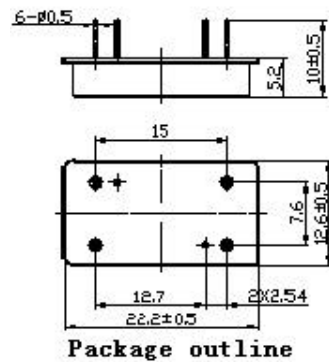


## SAW FILTER P/N: LB70D8

### A. Electrical Characteristic :

| Parameter             | Unit    | Minimum                              | Typical | Maximum |
|-----------------------|---------|--------------------------------------|---------|---------|
| Center Frequency      | MHz     | 69.8                                 | 70      | 70.2    |
| Insertion Loss        | dB      |                                      | 23.8    | 27      |
| 1 dB Bandwidth        | MHz     | 19.3                                 | 19.6    |         |
| 3 dB Bandwidth        | MHz     | 20.0                                 | 20.7    |         |
| 40dB Bandwidth        | MHz     |                                      | 25      | 25.4    |
| Passband variation    | dB      |                                      | 0.4     | 0.7     |
| Phase Linearity       | degrees |                                      | 2.2     | 4       |
| Group Delay Variation | nsec    |                                      | 25      | 35      |
| Absolute Delay        | usec    |                                      | 1.5     |         |
| Ultimate Rejection    | dB      | 50                                   | 60      |         |
| Substrate Material    |         | 112-LiTaO <sub>3</sub>               |         |         |
| Ambient Temperature   | °C      | 25                                   |         |         |
| Package Size          |         | 6/14 (22.2x12.6x5.2mm <sup>3</sup> ) |         |         |

### B. Mechanical Drawing



**Matching configuration**

### C. Typical Performance

