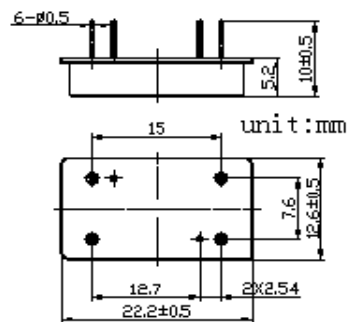


## SAW FILTER P/N: LB70D18

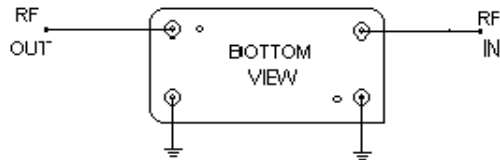
### A. Electrical Characteristic :

| Parameter             | Unit    | Minimum                              | Typical | Maximum |
|-----------------------|---------|--------------------------------------|---------|---------|
| Center Frequency      | MHz     | 69.5                                 | 70      | 70.5    |
| Insertion Loss        | dB      |                                      | 24.7    | 26      |
| 1 dB Bandwidth        | MHz     | 36.6                                 | 37.8    |         |
| 3 dB Bandwidth        | MHz     | 40.0                                 | 41.0    |         |
| 40dB Bandwidth        | MHz     |                                      | 57.7    | 59.6    |
| Passband variation    | dB      |                                      | 0.36    | 0.7     |
| Phase Linearity       | degrees |                                      | 5       | 8       |
| Group Delay Variation | nsec    |                                      | 15      | 30      |
| Absolute Delay        | usec    |                                      | 2       |         |
| Ultimate Rejection    | dB      | 40                                   | 45      |         |
| Substrate Material    |         | 128-LiNbO <sub>3</sub>               |         |         |
| Ambient Temperature   | °C      | 25                                   |         |         |
| Package Size          |         | 6/14 (22.2x12.6x5.2mm <sup>3</sup> ) |         |         |

### B. Mechanical Drawing



Package Outline



Source/Load Impedance=50ohm

Matching Configurte

### C. Typical Performance

