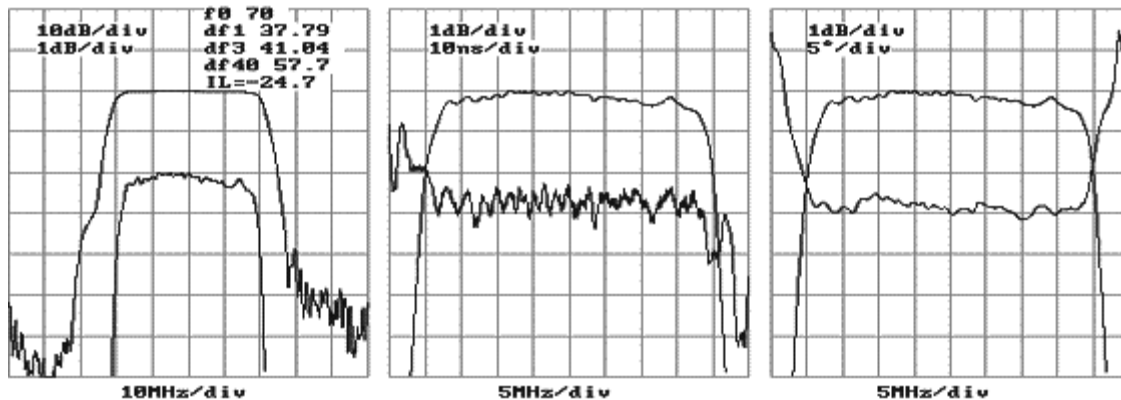


70 MHz Bandpass SAW Filter
40 MHz Bandwidth

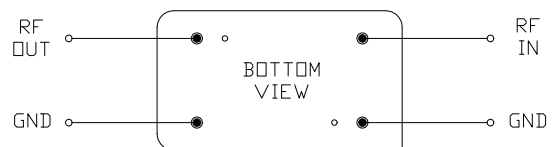
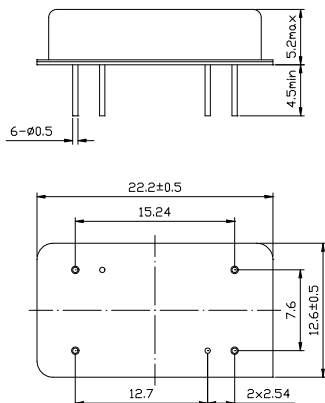
BP60010

| Electronic Characteristics | | | | | |
|----------------------------|------------------|---------|------------------------|---------|------|
| Parameter | Sym | Minimum | Typical | Maximum | Unit |
| Center Frequency at 25°C | fc | 69.5 | 70 | 70.5 | MHz |
| Insertion Loss at fc | IL | - | 24.7 | 26.0 | dB |
| 1 dB Bandwidth | BW ₁ | 36.6 | 37.8 | - | MHz |
| 3 dB Bandwidth | BW ₃ | 40.0 | 41.0 | - | MHz |
| 40dB Bandwidth | BW ₄₀ | - | 57.7 | 59.6 | MHz |
| Passband Variation | - | - | 0.36 | 0.70 | dB |
| Phase Linearity | - | - | 5.0 | 8.0 | Deg |
| Group Delay Variation | - | - | 15 | 30 | nsec |
| Absolute Delay | - | - | 2 | - | µsec |
| Ultimate Rejection | - | 40 | 45 | - | dB |
| Substrate Material | - | - | 128-LiNbO ₃ | - | - |
| Ambient Temperature | Ta | - | 25 | - | °C |

Typical Performance



Package Outline **Matching Configuration**



No Matching Required
 Nominal Source/Load Impedance : 50 Ω