

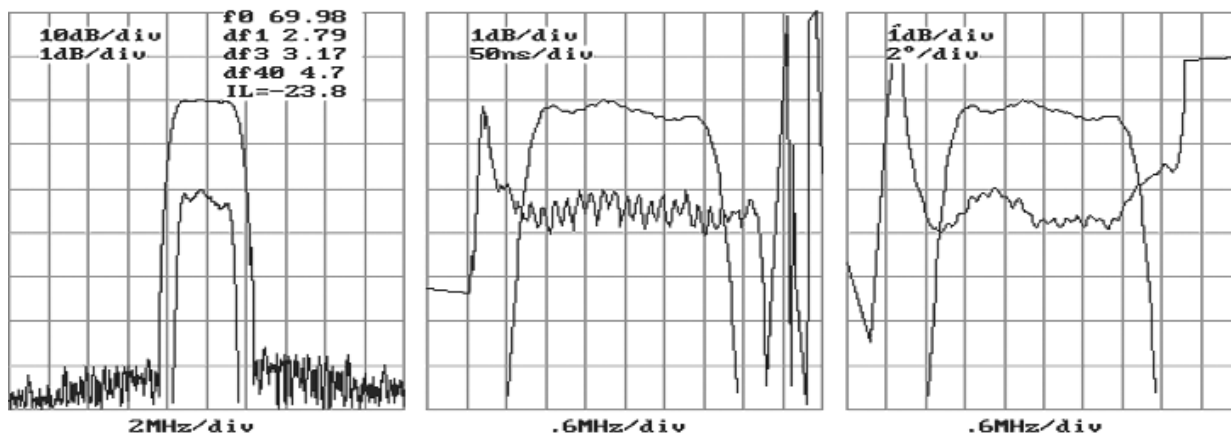
70 MHz Bandpass SAW Filter

3 MHz Bandwidth

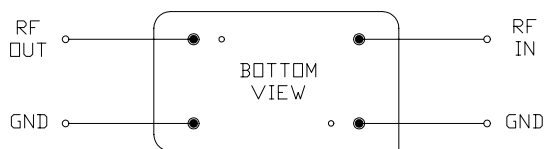
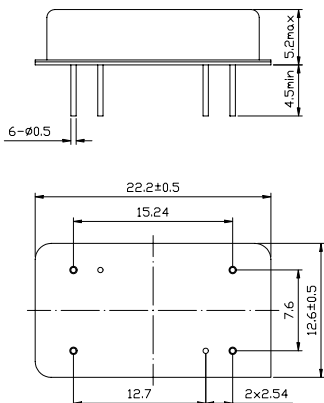
BP60330

| Specifications | | | | | |
|--------------------------|------|---------|------------|---------|------|
| Parameter | Sym | Minimum | Typical | Maximum | Unit |
| Center Frequency at 25°C | fc | 69.9 | 70 | 70.1 | MHz |
| Insertion Loss at fc | IL | - | 25.5 | 27.0 | dB |
| 1 dB Bandwidth | BW1 | 2.5 | 2.98 | - | MHz |
| 3 dB Bandwidth | BW3 | 3.0 | 3.3 | - | MHz |
| 40dB Bandwidth | BW40 | - | 4.5 | 4.9 | MHz |
| Passband Variation | - | - | 0.5 | 1.0 | dB |
| Phase Linearity | - | - | 2 | 4 | Deg |
| Group Delay Variation | - | - | 50 | 90 | nsec |
| Absolute Delay | - | - | 2.1 | - | μsec |
| Ultimate Rejection | - | 50 | 55 | - | dB |
| Substrate Material | - | - | 112-LiTaO3 | - | - |
| Ambient Temperature | Ta | - | 25 | - | °C |

Typical Performance



Package Outline
Matching Configuration



No Matching Required
 Nominal Source/Load Impedance : 50 Ω