

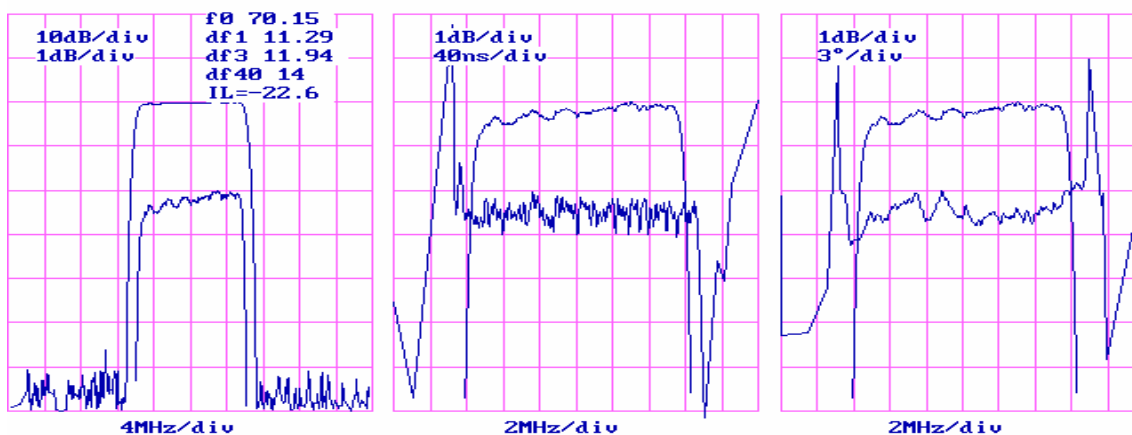
70 MHz Bandpass SAW Filter

11 MHz Bandwidth

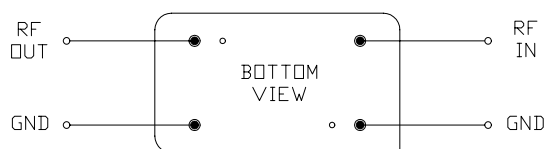
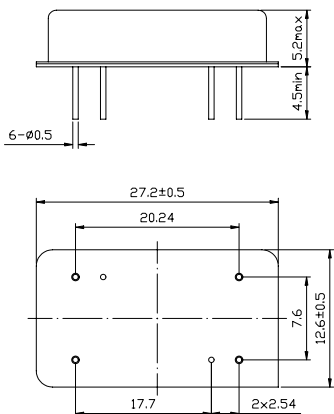
BP60180

| Specifications | | | | | |
|-----------------------------|------------------|---------|------------------------|---------|------|
| Parameter | Sym | Minimum | Typical | Maximum | Unit |
| Center Frequency at 25°C | fc | 69.8 | 70 | 70.2 | MHz |
| Insertion Loss at fc | IL | - | 22.6 | 24.0 | dB |
| 1 dB Bandwidth | BW ₁ | 10.7 | 11.2 | - | MHz |
| 3 dB Bandwidth | BW ₃ | 11.0 | 11.9 | - | MHz |
| 40dB Bandwidth | BW ₄₀ | - | 14.0 | 14.2 | MHz |
| Passband Variation | - | - | 0.5 | 0.6 | dB |
| Phase Linearity | - | - | 3.0 | 4.0 | Deg |
| Group Delay Variation | - | - | 40 | 70 | nsec |
| Absolute Delay | - | - | 2.0 | - | μsec |
| Ultimate Rejection | - | 55 | 60 | - | dB |
| Substrate Material | - | - | 128-LiNbO ₃ | - | - |
| Ambient Temperature | Ta | - | 25 | - | °C |
| Operating Temperature Range | To | -55 | 25 | 85 | °C |

Typical Performance



Package Outline
Matching Configuration



No Matching Required
Nominal Source/Load Impedance : 50 Ω