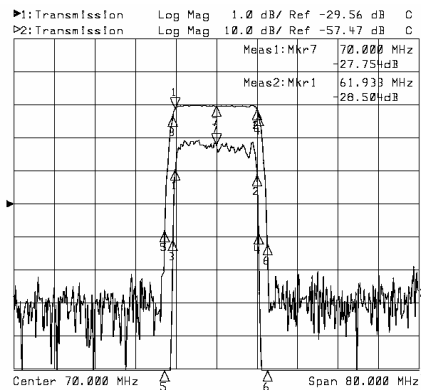


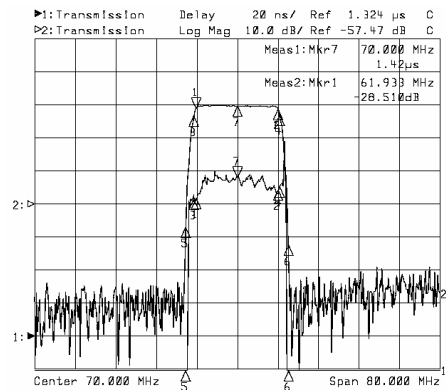
70 MHz Standard Filter

Part Number 070165

Typical Performance



Horizontal: 8MHz/Div
Vertical: 10dB/Div

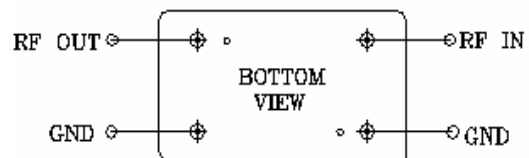
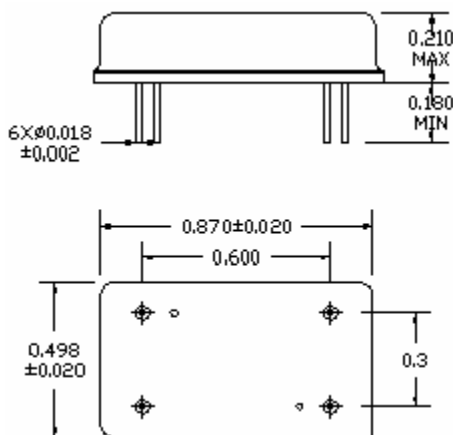


Horizontal: 8MHz/Div
Vertical: 20nsec/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|-------------------------|------|---------|-----------------------|---------|
| Center Frequency | MHz | 69.85 | 70.0 | 70.15 |
| Insertion Loss at F_0 | dB | | 27.5 | |
| 1 dB Bandwidth | MHz | | 16.08 | |
| 3 dB Bandwidth | MHz | | 16.94 | |
| 40dB Bandwidth | MHz | | 20.30 | |
| Passband Variation | dB | | 0.3 | 0.5 |
| Phase Linearity | Deg | | | |
| Group Delay Variation | nsec | | 20 | |
| Absolute Delay | usec | | 1.42 | |
| Ultimate Rejection | dB | | 50 | 55 |
| Substrate Material | - | | 128LiNbO ₃ | |
| Ambient Temperature | °C | | 25 | |

Package



No Matching Required
Source/Load Impedance=50ohm
Package Style XI