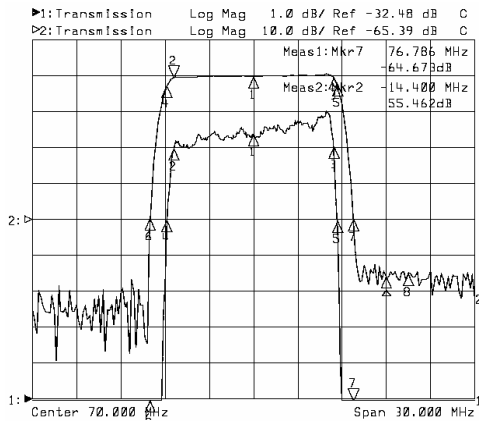


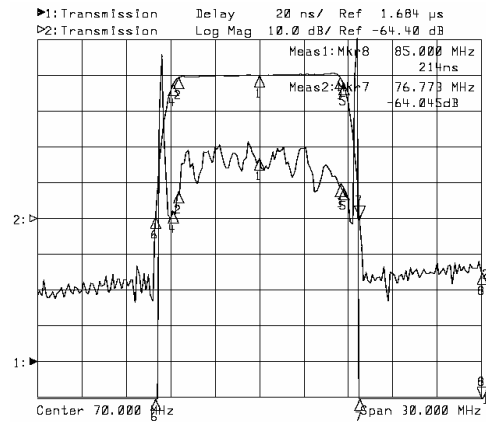
70 MHz Standard Filter

Part Number 070110

Typical Performance



Horizontal: 3MHz/Div
Vertical: 10dB/Div

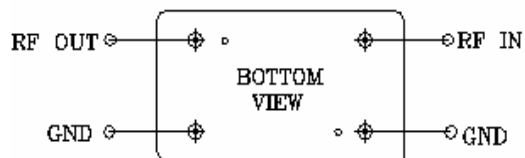
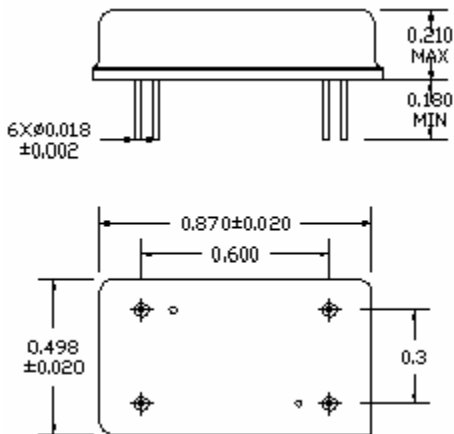


Horizontal: 3MHz/Div
Vertical: 20nsec/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------------|------|---------|-------------------------|---------|
| Center Frequency | MHz | 69.90 | 70.0 | 70.10 |
| Insertion Loss at F ₀ | dB | | 25 | 26.0 |
| 1 dB Bandwidth | MHz | 10.5 | 10.8 | |
| 3 dB Bandwidth | MHz | 11.0 | 11.5 | |
| 40dB Bandwidth | MHz | | 13.8 | 14.2 |
| Passband Variation | dB | | 0.8 | 1.0 |
| Phase Linearity | Deg | | | |
| Group Delay Variation | nsec | | 30 | 40 |
| Absolute Delay | usec | | 1.8 | |
| Ultimate Rejection | dB | 50 | 55 | |
| Substrate Material | - | | 128- LiNbO ₃ | |
| Ambient Temperature | °C | | 25 | |

Package



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