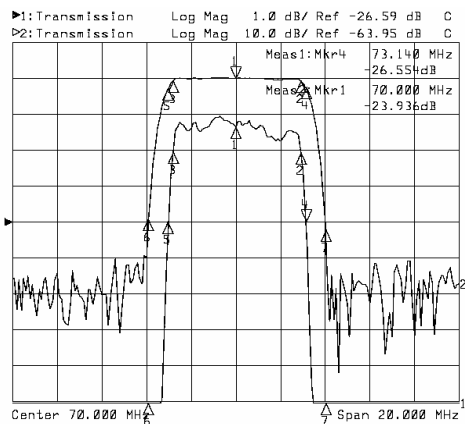


70 MHz Standard Filter

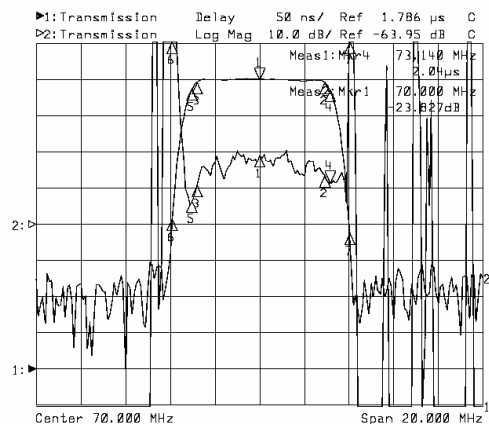
Part Number 070060

Typical Performance



Horizontal: 2.0MHz/Div

Vertical: 10dB/Div



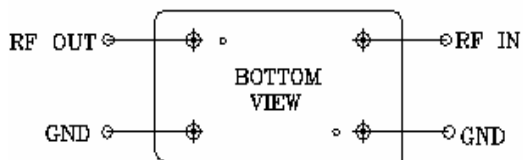
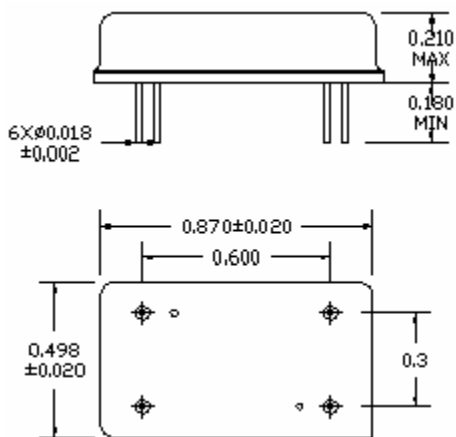
Horizontal: 2.0MHz/Div

Vertical: 50nsec/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------------|------|---------|-----------|---------|
| Center Frequency | MHz | 69.9 | 70.0 | 70.1 |
| Insertion Loss at F ₀ | dB | | 24.0 | 24.5 |
| 1 dB Bandwidth | MHz | 5.70 | 5.74 | |
| 3 dB Bandwidth | MHz | 6.00 | 6.16 | |
| 40dB Bandwidth | MHz | | 7.92 | 8.00 |
| Passband Variation | dB | | 0.5 | 0.8 |
| Phase Linearity | Deg | | 5 | |
| Group Delay Variation | nsec | | 60 | 80 |
| Absolute Delay | usec | | 2.0 | |
| Ultimate Rejection | dB | 50 | 55 | |
| Substrate Material | - | | YZ-LiNbO3 | |
| Ambient Temperature | °C | | 25 | |

Package XI



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