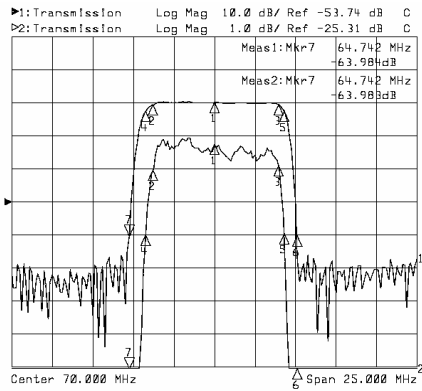


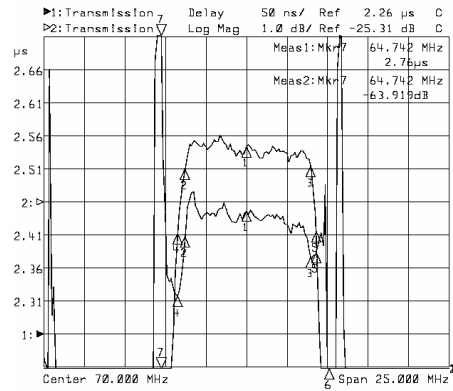
70 MHz Standard Filter

Part Number 070087

Typical Performance



Horizontal: 2.5MHz/Div
Vertical: 10dB/Div

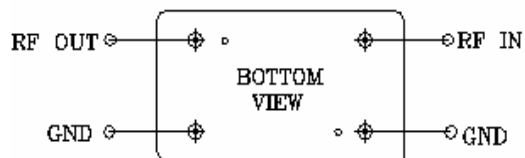
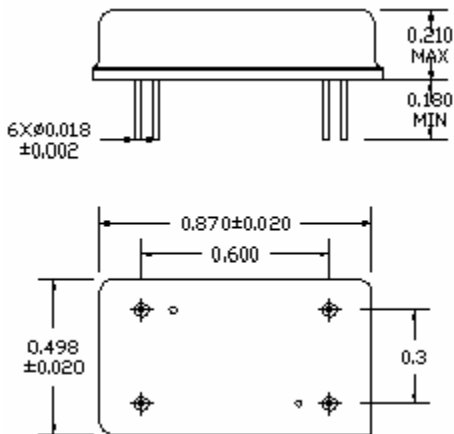


Horizontal: 2.5MHz/Div
Vertical: 150nsec/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------------|------|---------|-----------------------|---------|
| Center Frequency | MHz | 69.85 | 70.0 | 70.15 |
| Insertion Loss at F ₀ | dB | | 24 | |
| 1 dB Bandwidth | MHz | | 7.74 | |
| 3 dB Bandwidth | MHz | | 8.55 | |
| 40dB Bandwidth | MHz | | 10.34 | |
| Passband Variation | dB | | 0.6 | |
| Phase Linearity | Deg | | | |
| Group Delay Variation | nsec | | 50 | 80 |
| Absolute Delay | usec | | 2.4 | |
| Ultimate Rejection | dB | 48 | 50 | 55 |
| Substrate Material | - | | 128LiNbO ₃ | |
| Ambient Temperature | °C | | 25 | |

Package



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