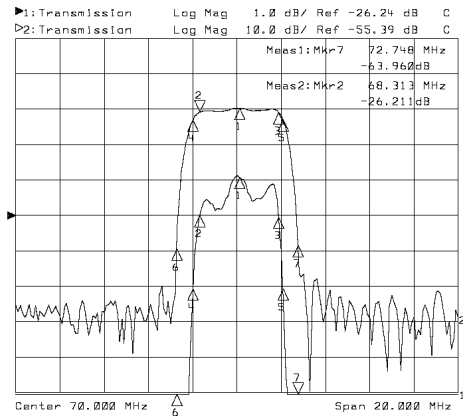


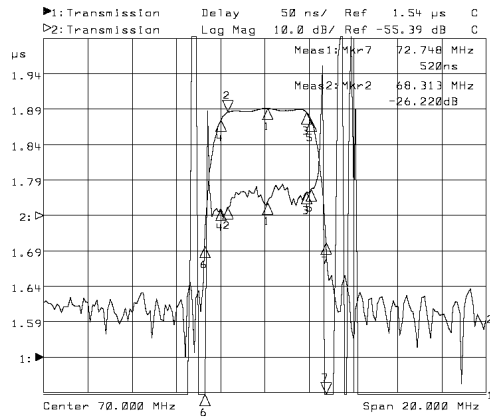
70MHz Standard Filter

Part Number 070042

Typical Performance



Horizontal: 2MHz/Div
Vertical: 1dB/Div&10dB/Div

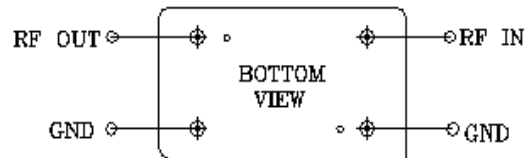
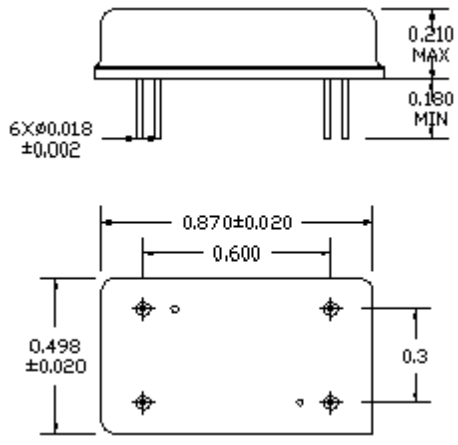


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|-----------------------|------|---------|---------|---------|
| Center Frequency | MHz | 69.90 | 70.00 | 70.10 |
| Insertion Loss at F0 | dB | | 25.00 | 26.00 |
| 1 dB Bandwidth | MHz | 3.40 | 3.50 | |
| 3 dB Bandwidth | MHz | 4.00 | 4.10 | |
| 40dB Bandwidth | MHz | | 5.50 | 5.70 |
| Passband Variation | dB | | 0.70 | 0.90 |
| Group Delay Variation | nsec | | 50 | 70 |
| Absolute Delay | usec | | 1.80 | 1.90 |
| Ultimate Rejection | dB | 48 | 50 | |
| Substrate Material | - | | LiTao3 | |
| Ambient Temperature | °C | -40 | 25 | 80 |

Package



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