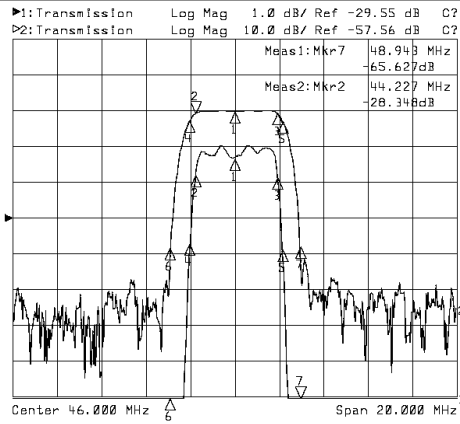


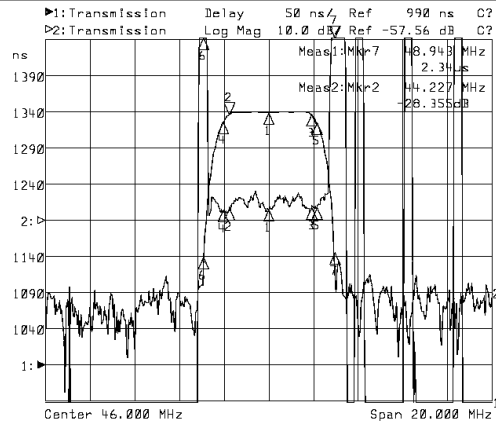
46MHz Standard Filter

Part Number 046040

Typical Performance



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

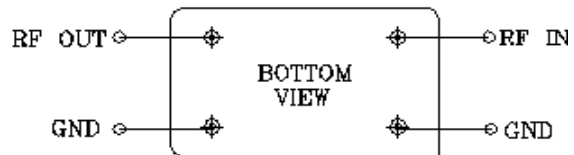
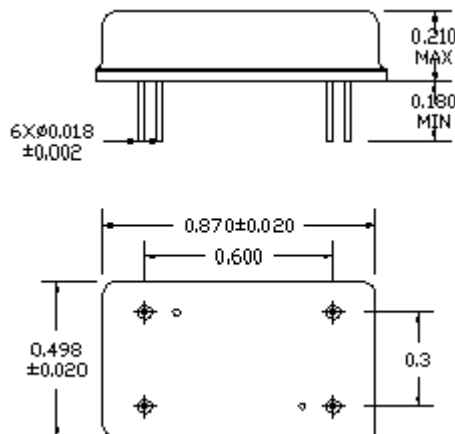


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------------|------|---------|---------|---------|
| Center Frequency | MHz | 45.90 | 46.00 | 46.10 |
| Insertion Loss at F ₀ | dB | | 28.02 | 29.01 |
| 1 dB Bandwidth | MHz | 3.65 | 3.70 | |
| 3 dB Bandwidth | MHz | 4.12 | 4.17 | |
| 40dB Bandwidth | MHz | | 5.83 | 5.90 |
| Group Delay Variation | nsec | | 30 | 40 |
| Passband Variation | dB | | 0.20 | 0.40 |
| Absolute Delay | usec | | 1.30 | 1.32 |
| Ultimate Rejection | dB | 45 | 48 | |
| Substrate Material | - | | LiTaO3 | |
| Ambient Temperature | °C | -40 | 25 | 80 |

Package



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