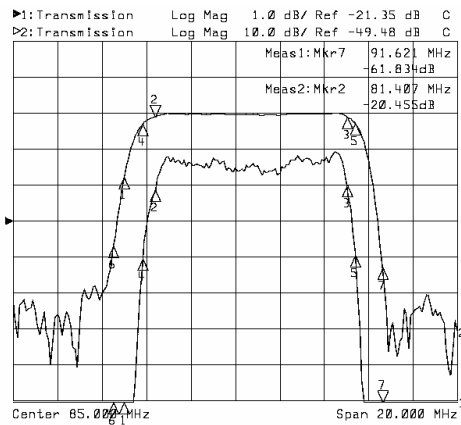


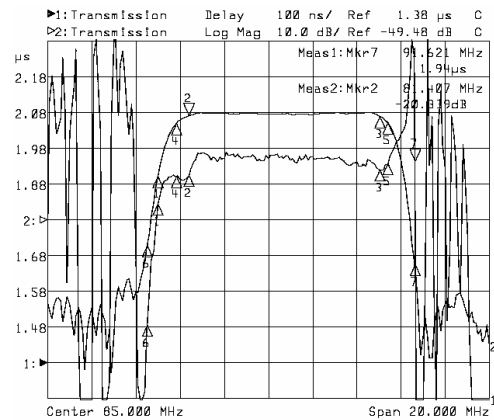
85 MHz Standard Filter

Part Number 085100

Typical Performance



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

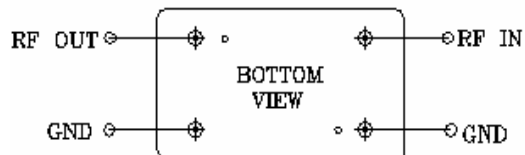
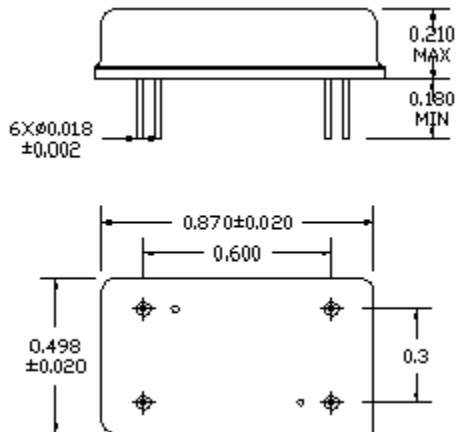


Horizontal: 2MHz/Div
Vertical: 100nsec/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------------|------|---------|-----------------------|---------|
| Center Frequency | MHz | 85.5 | 85.6 | 85.7 |
| Insertion Loss at F ₀ | dB | | 20 | |
| 1 dB Bandwidth | MHz | | 8.6 | |
| 3 dB Bandwidth | MHz | | 9.6 | |
| 40dB Bandwidth | MHz | | 12.1 | |
| Passband Variation | dB | | 0.8 | |
| Group Delay Variation | nsec | | 50 | |
| Absolute Delay | usec | | 1.98 | |
| Ultimate Rejection | dB | | 50 | |
| Substrate Material | - | | YZ LiNbO ₃ | |
| Ambient Temperature | °C | | 25 | |

Package XI



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