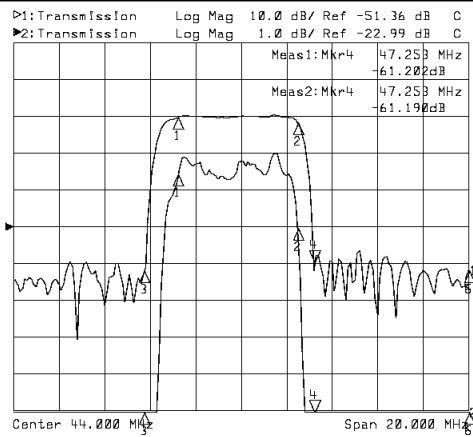


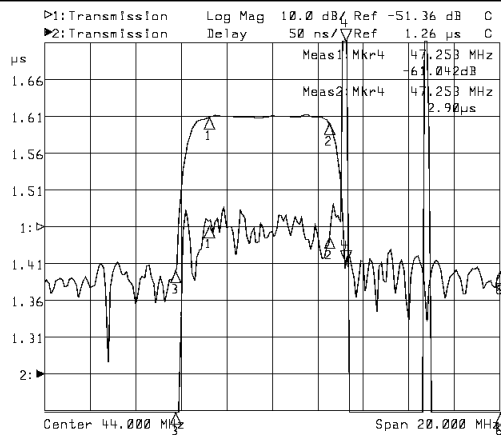
44MHz CATV Filter

Part Number M16-XP (MVF-14)

Typical Performance



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

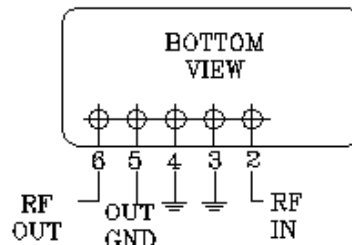
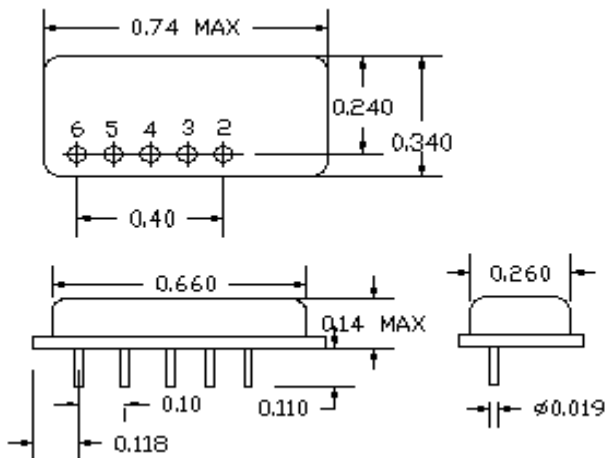


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------|------|---------|------------|---------|
| Center Frequency | MHz | 43.90 | 44.00 | 44.10 |
| Insertion Loss at 45.55MHz | dB | | 23.00 | 24.00 |
| 41.25MHz | dB | | -0.50 | -1.00 |
| 46.5MHz | dB | | -2.00 | -2.80 |
| 47.25MHz | dB | -35.00 | -37.00 | |
| Passband Variation | dB | | 0.60 | 1.00 |
| Group Delay Variation | nsec | | 60 | 80 |
| Absolute Delay | usec | | 1.45 | 1.48 |
| Ultimate Rejection | dB | 36 | 38 | |
| Substrate Material | - | | 128-LiNbO3 | |
| Ambient Temperature | °C | -40 | 25 | 80 |

Package



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