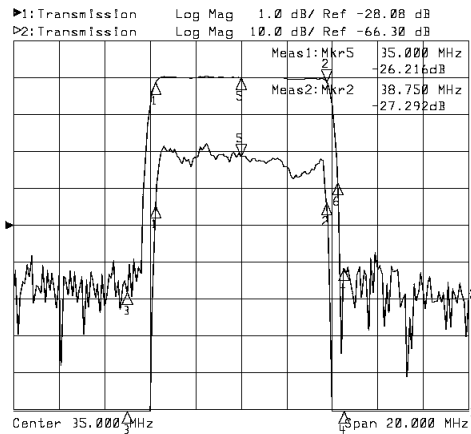


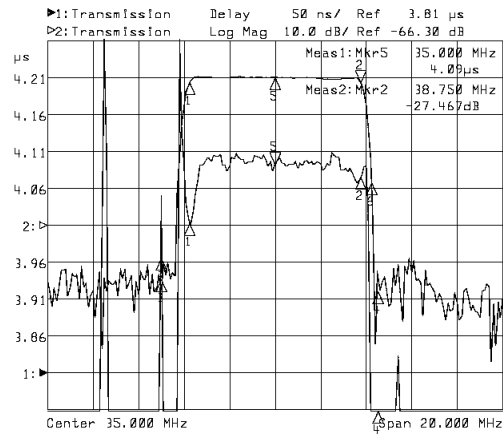
35.0MHz CATV Filter

Part Number DVF-4

Typical Performance



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

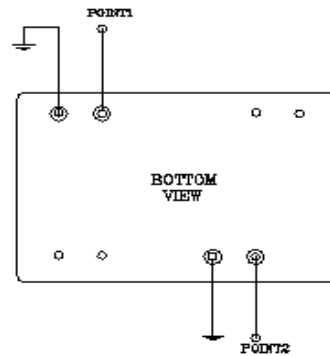
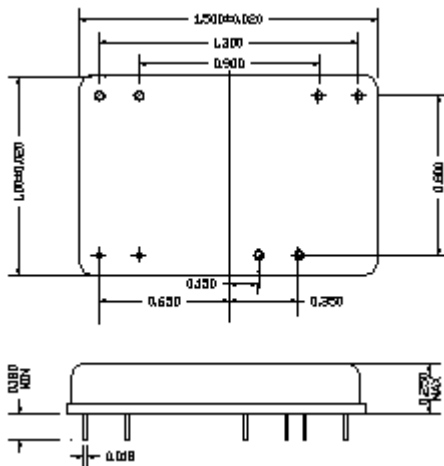


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|-----------------------|------|---------|-----------|---------|
| Center Frequency | MHz | 34.90 | 35.00 | 35.10 |
| Insertion Loss at F0 | dB | | 26.50 | 37.50 |
| @31.25MHz | dB | -1.40 | -1.50 | |
| @39.25MHz | dB | | -30.00 | -30.50 |
| @38.75MHz | dB | -1.40 | -1.50 | |
| @30.00MHz | dB | | -50.00 | -51.00 |
| Passband Variation | dB | | 0.90 | 1.20 |
| Group Delay Variation | nsec | | 100 | 120 |
| Absolute Delay | usec | | 4.10 | 4.15 |
| Ultimate Rejection | dB | 48 | 50 | |
| Substrate Material | - | | 128LiNbO3 | |
| Ambient Temperature | °C | -40 | 25 | 80 |

Package



No Matching Required
 Source/Load Impedance=50ohm
 Package Style 38