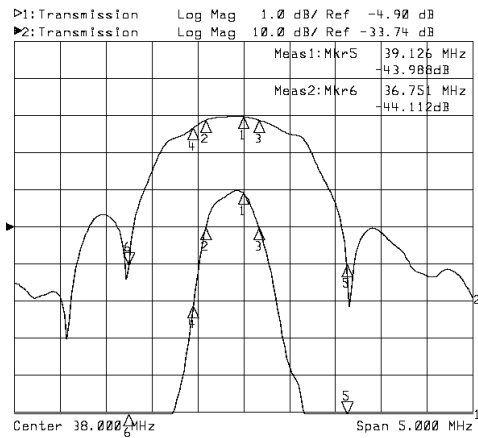
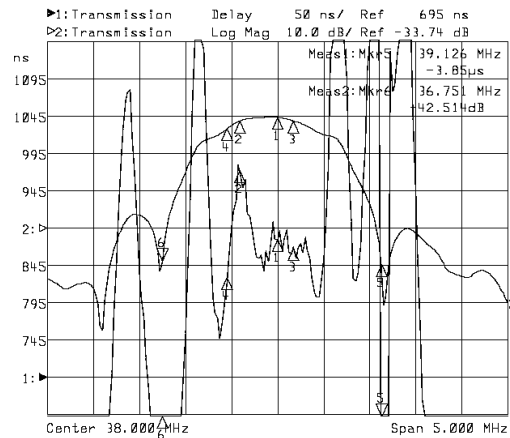


38MHz Standard Filter
Part Number 038010

Typical Performance



Horizontal: 0.5MHz/Div
 Vertical: 10dB/Div

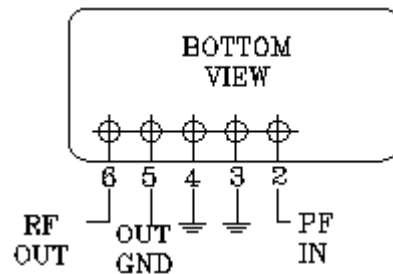
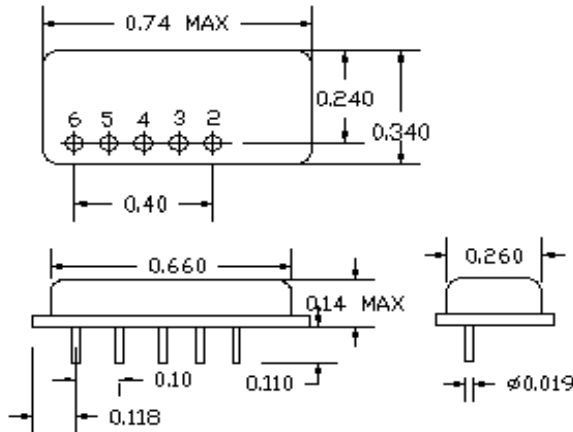


Horizontal: 0.5MHz/Div
 Vertical: 50nsec/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|-----------------------|------|---------|------------|---------|
| Center Frequency | MHz | 37.90 | 38.00 | 38.10 |
| Insertion Loss | dB | | 4.00 | 4.20 |
| 1 dB Bandwidth | MHz | 0.52 | 0.58 | |
| 3 dB Bandwidth | MHz | 1.02 | 1.10 | |
| 40dB Bandwidth | MHz | | 2.40 | 2.48 |
| Passband Variation | dB | | 0.30 | 0.50 |
| Group Delay Variation | nsec | | 100 | 120 |
| Absolute Delay | usec | | 0.80 | 0.85 |
| Ultimate Rejection | dB | 38 | 40 | |
| Substrate Material | - | | 128-LiNbO3 | |
| Ambient Temperature | °C | -40 | 25 | 80 |

Package XP



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