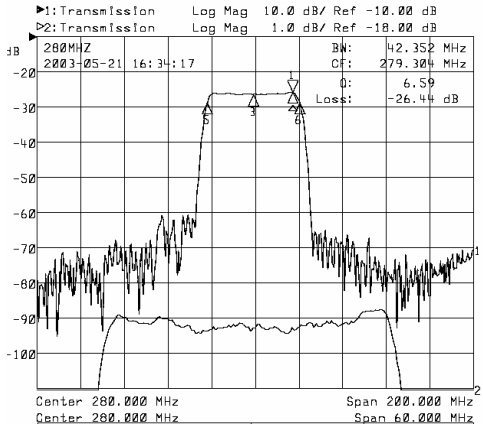
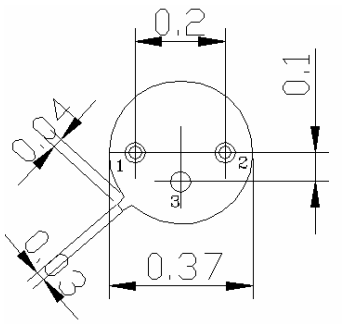
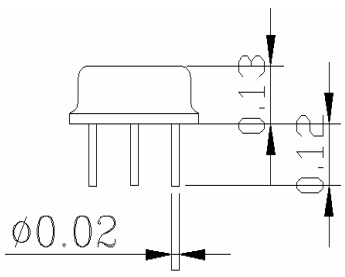
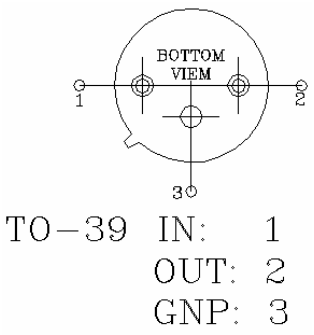
**280 MHz Standard Filter**
**Part Number 280380**

## Typical Performance




Horizontal:20MHz/Div&6MHz/Div Horizontal: 10MHz/Div
Vertical: 10dB/Div&1dB/Div Vertical: 20ns/Div

## Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|---|---|---|---|---|
| Center Frequency | MHz | 279.2 | 280 | 280.2 |
| Insertion Loss at $F_0$ | dB | | 26.5 | |
| 1 dB Bandwidth | MHz | | 39.1 | |
| 3 dB Bandwidth | MHz | | 42.3 | |
| 40dB Bandwidth | MHz | | 55.0 | |
| Passband Variation | dB | | 0.7 | |
| Group Delay Variation | nsec | | 20 | |
| Absolute Delay | usec | | 0.2 | |
| Ultimate Rejection | dB | 35 | 37 | |
| Substrate Material | - | | YZ-LiNbO3 | |
| Ambient Temperature | ℃ | | 25 | |

## Package TO-39