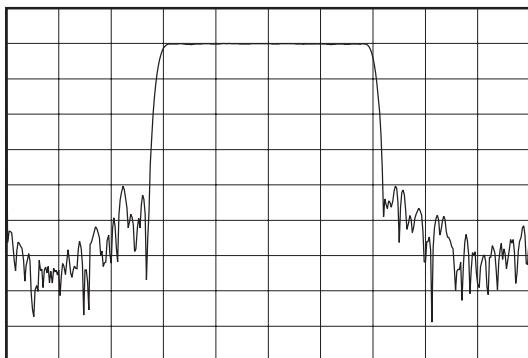
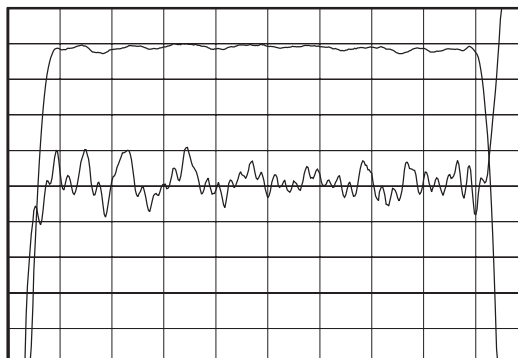


# Data Sheet

## Typical Performance



Horizontal: 1.5 MHz/Div  
Vertical: 10 dB/Div

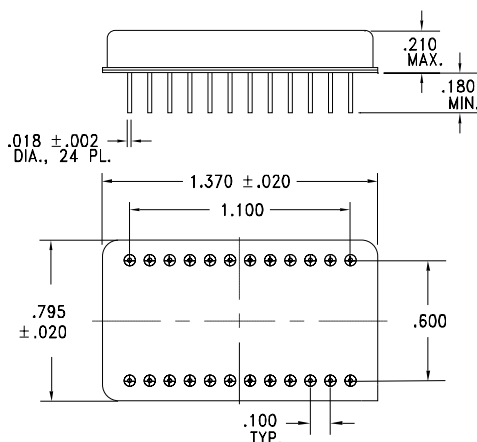


Horizontal: 700 kHz/Div  
Vertical: 1 dB/Div  
Vertical: 20 nsec/Div

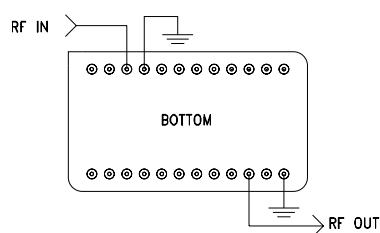
## Specifications

| Parameter             | Unit | Minimum | Typical               | Maximum |
|-----------------------|------|---------|-----------------------|---------|
| Center Frequency      | MHz  | -       | 36.9                  | -       |
| Insertion Loss        | dB   | -       | 27                    | 32      |
| Lower 1.5 dB Point    | MHz  | -       | 33.82                 | 33.85   |
| Upper 1.5 dB Point    | MHz  | 39.7    | 39.74                 | -       |
| Lower 35 dB Point     | MHz  | 33.45   | 36.77                 | -       |
| Upper 33.5 dB Point   | MHz  | -       | 40.08                 | 40.2    |
| Phase Ripple          | deg  | -       | 1.7                   | -       |
| Group Delay Variation | nsec | -       | 40                    | 50      |
| Passband Ripple       | dB   | -       | 0.3                   | 0.4     |
| Out-of-band Rejection | dB   | 35      | 40                    | -       |
| Substrate Material    | -    | -       | YZ LiNbO <sub>3</sub> | -       |
| Ambient Temperature   | °C   | -       | 45                    | -       |

## Package Outline



## Matching Configuration



No matching required.  
Nominal Source/Load Impedance = 50Ω  
Package Style R

11/24/99