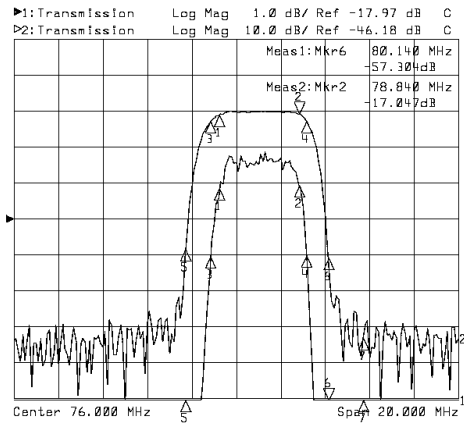


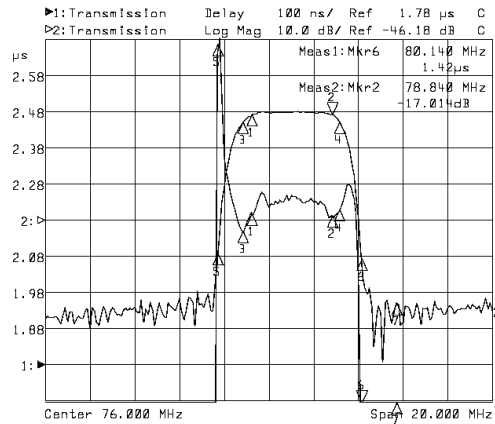
# 76MHz Standard Filter

## Part Number 076043

### Typical Performance



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

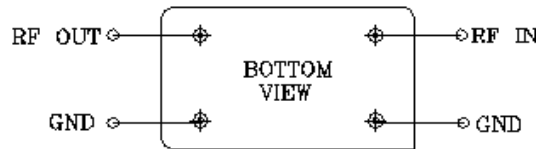
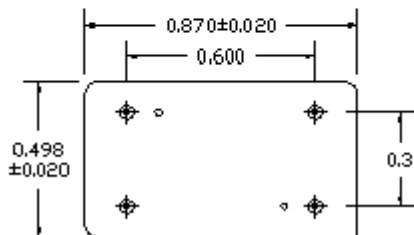
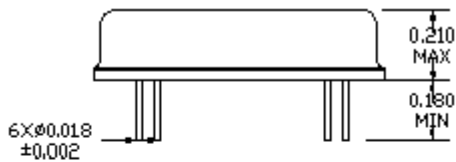


Horizontal: 2MHz/Div  
Vertical: 100ns/Div&10dB/Div

### Specifications

| Parameter                        | Unit | Minimum | Typical            | Maximum |
|----------------------------------|------|---------|--------------------|---------|
| Center Frequency                 | MHz  | 76.80   | 76.90              | 77.00   |
| Insertion Loss at F <sub>0</sub> | dB   |         | 18.01              | 18.52   |
| 1 dB Bandwidth                   | MHz  | 3.38    | 3.58               |         |
| 3 dB Bandwidth                   | MHz  | 4.12    | 4.32               |         |
| 40dB Bandwidth                   | MHz  |         | 6.42               | 6.72    |
| Passband Variation               | dB   |         | 0.60               | 0.80    |
| Group Delay Variation            | nsec |         | 60                 | 90      |
| Absolute Delay                   | usec |         | 2.12               | 2.14    |
| Ultimate Rejection               | dB   | 48      | 50                 |         |
| Substrate Material               | -    |         | LiTaO <sub>3</sub> |         |
| Ambient Temperature              | °C   | -40     | 25                 | 80      |

### Package



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