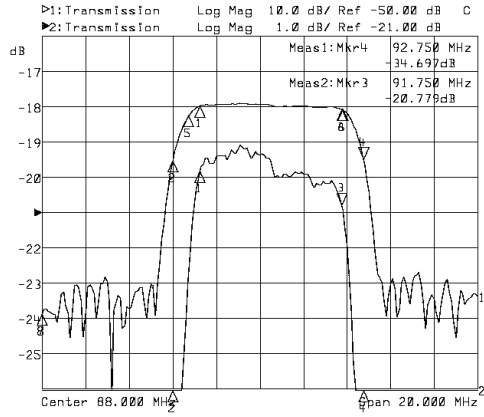


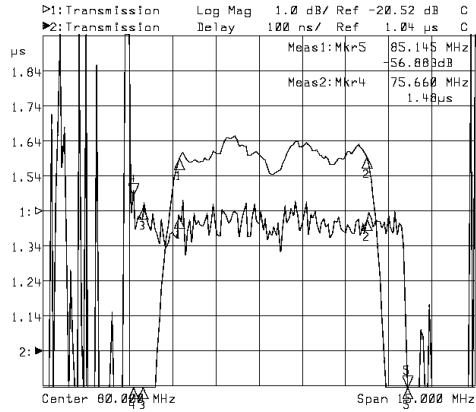
# 88.5MHz Standard Filter

## Part Number 089070

### Typical Performance



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

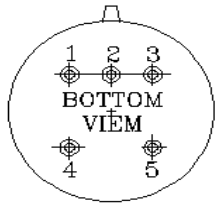
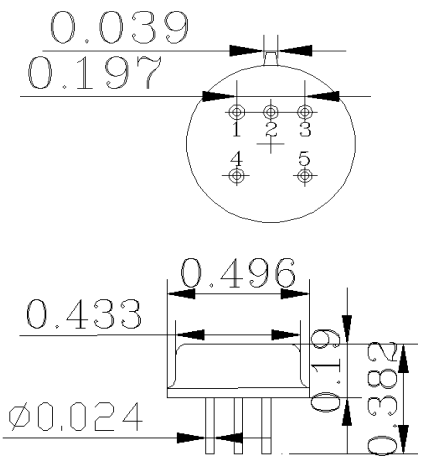


Horizontal: 1.5MHz/Div  
Vertical: 100nsec/Div&10dB/Div

### Specifications

| Parameter             | Unit | Minimum | Typical    | Maximum |
|-----------------------|------|---------|------------|---------|
| Center Frequency      | MHz  | 88.40   | 88.50      | 88.60   |
| Insertion Loss        | dB   |         | 20.00      | 20.50   |
| 85.25MHz              | dB   |         | -0.51      | -1.01   |
| 91.75MHz              | dB   |         | -0.54      | -1.02   |
| 84.00MHz              | dB   |         | -20.02     | -22.03  |
| Passband Variation    | dB   |         | 0.50       | 0.80    |
| Group Delay Variation | nsec |         | 80         | 120     |
| Absolute Delay        | usec |         | 1.51       | 1.52    |
| Ultimate Rejection    | dB   | 48      | 50         |         |
| Substrate Material    | -    |         | 128-LiNbO3 |         |
| Ambient Temperature   | °C   | -40     | 25         | 80      |

### Package T0-5A



T0-5A IN: 1  
 OUT: 5  
 GND: 2,3,4