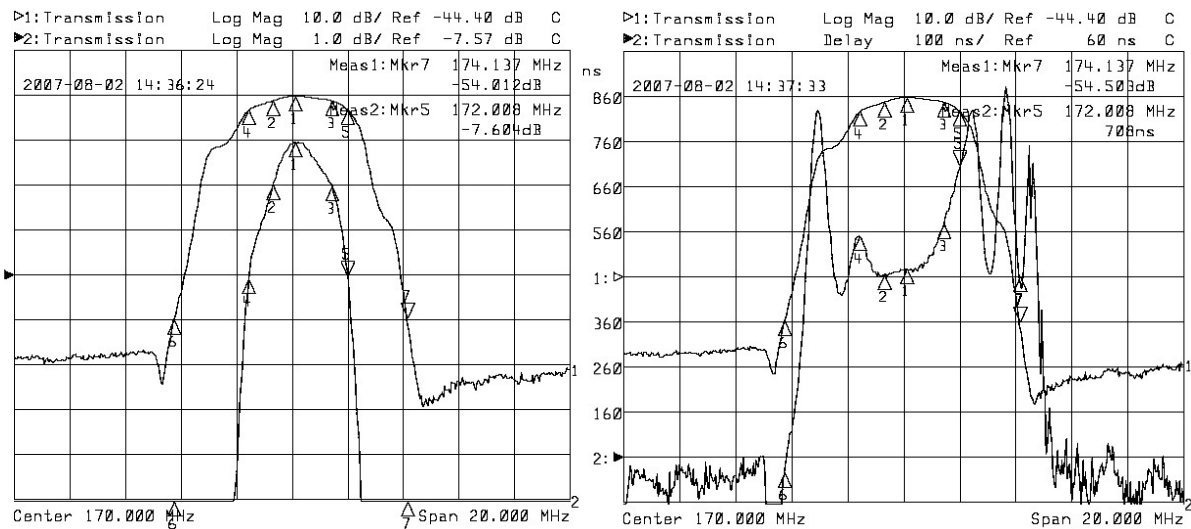


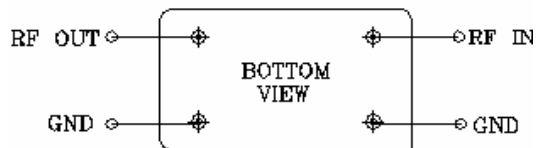
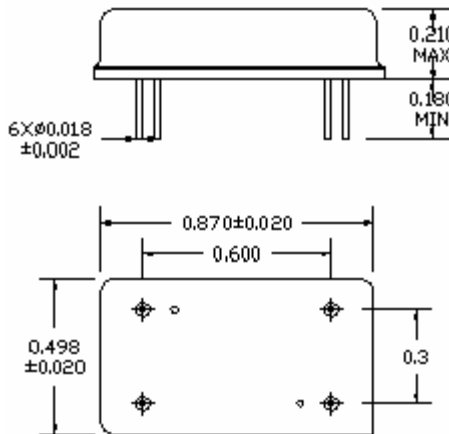
### 1. Specifications

| Parameter                        | Unit | Minimum | Typical                | Maximum |
|----------------------------------|------|---------|------------------------|---------|
| Center Frequency                 | MHz  | 169.90  | 170.00                 | 170.10  |
| Insertion Loss at F <sub>0</sub> | dB   |         | 4.60                   | 5.00    |
| 1 dB Bandwidth                   | MHz  | 2.10    | 2.20                   |         |
| 3 dB Bandwidth                   | MHz  | 3.50    | 3.60                   |         |
| 60dB Bandwidth                   | MHz  |         | 9.00                   | 9.10    |
| Passband Variation               | dB   |         | 0.10                   | 0.30    |
| Group Delay Variation            | nsec |         | 300                    |         |
| Absolute Delay                   | usec |         | 0.48                   |         |
| Ultimate Rejection               | dB   | 55      | 58                     |         |
| Substrate Material               | -    |         | 128-LiNbO <sub>3</sub> |         |
| Ambient Temperature              | °C   | -40     | 25                     | 80      |

### 2. Typical Performance



### 3. Package



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

### 4. Marking

S170M036