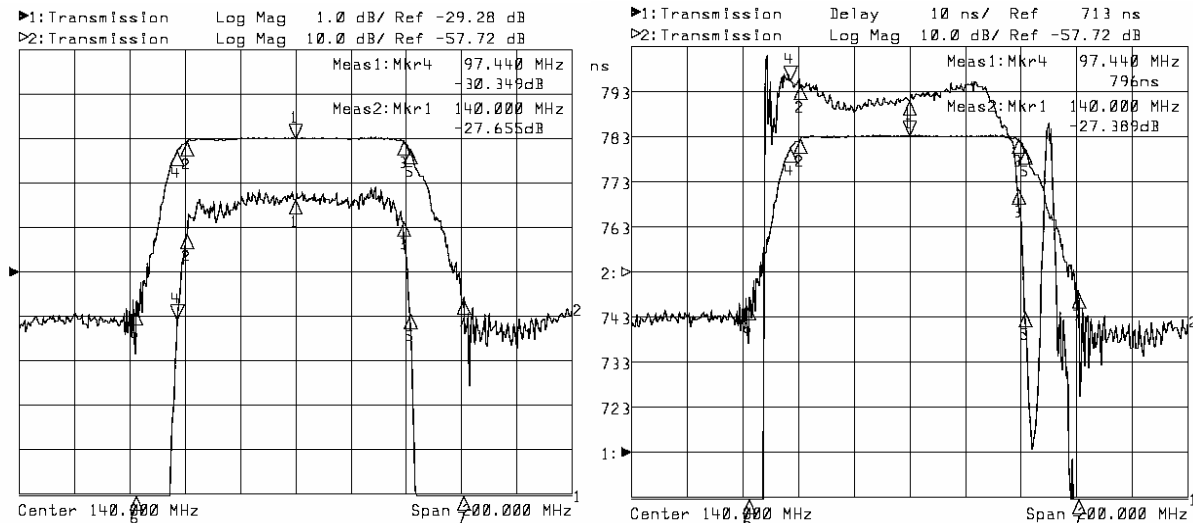


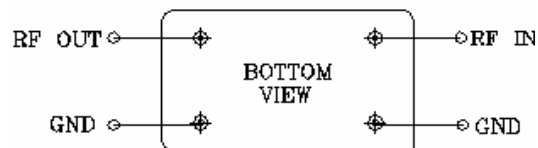
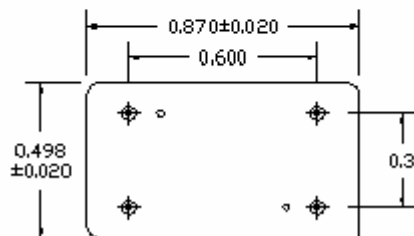
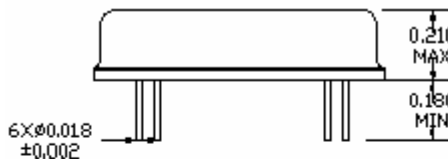
1. Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|-------------------------|------|---------|-----------|---------|
| Center Frequency | MHz | 139.50 | 140.00 | 140.50 |
| Insertion Loss at F_0 | dB | | 28.00 | 29.50 |
| 1 dB Bandwidth | MHz | 77.50 | 78.10 | |
| 3 dB Bandwidth | MHz | 83.50 | 84.10 | |
| 40dB Bandwidth | MHz | | 118.20 | 119.50 |
| Passband Variation | dB | | 0.70 | 0.90 |
| Group Delay Variation | nsec | | 50 | 70 |
| Absolute Delay | usec | | 0.63 | 0.65 |
| Ultimate Rejection | dB | 38 | 40 | |
| Substrate Material | - | | 128LiNbO3 | |
| Ambient Temperature | °C | -40 | 25 | 80 |

2. Typical Performance



3. Package



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

4. Marking

S140M840