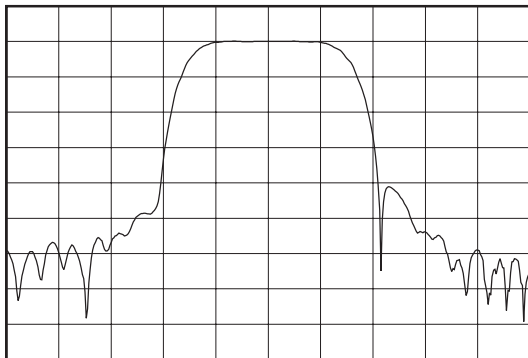
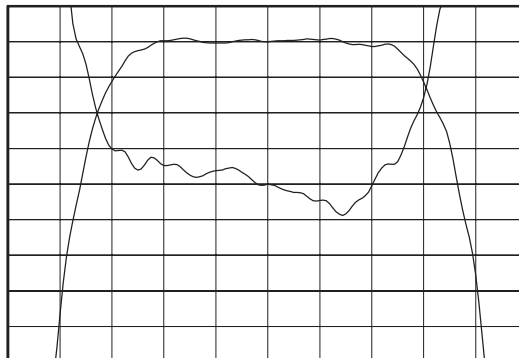


### Typical Performance



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



Horizontal: 800 kHz/Div  
Vertical: 1 dB/Div  
Vertical: 2 deg/Div

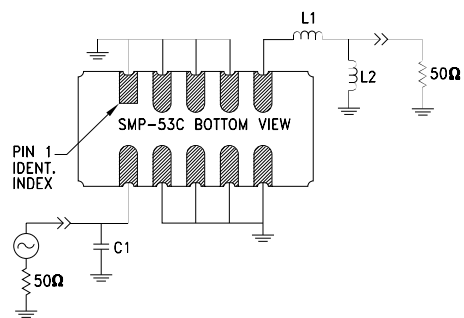
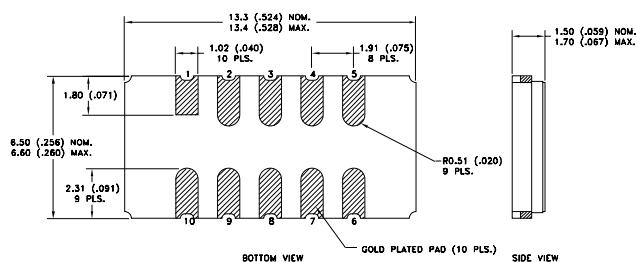
### Specifications

| Parameter                                   | Unit | Minimum | Typical            | Maximum |
|---------------------------------------------|------|---------|--------------------|---------|
| Center Frequency                            | MHz  | -       | 261.12             | -       |
| Maximum Insertion Loss (259.2 - 263.04 MHz) | dB   | -       | 9.6                | 12      |
| 1 dB Lower Frequency                        | MHz  | -       | 258.8              | 259.2   |
| 1 dB Upper Frequency                        | MHz  | 263.04  | 263.5              | -       |
| 15 dB Lower Frequency                       | MHz  | 257.12  | 257.6              | -       |
| 15 dB Upper Frequency                       | MHz  | -       | 264.7              | 265.12  |
| Phase Linearity(259.2 - 263.04 MHz)         | deg  | -       | 0.55               | 4       |
| Rejection: 161.12 - 241.12 MHz              | dB   | 47      |                    | -       |
| Rejection: 241.12 - 253.12 MHz              | dB   | 47      |                    | -       |
| Rejection: 269.12 - 281.12 MHz              | dB   | 47      |                    | -       |
| Rejection: 281.12 - 361.12 MHz              | dB   | 47      |                    | -       |
| Triple Transit Suppression                  | dB   | 20      |                    | -       |
| Substrate Material                          | -    | -       | LiTaO <sub>3</sub> | -       |
| Operating Temperature Range                 | °C   | -20     | 25                 | 85      |

### Package Outline

### Matching Configuration

Specifications subject to change or obsolescence without notice.



L1 = 18 nH , L2 = 15 nH

C1 = 33 pF

Nominal Source/Load Impedance = 50Ω

Package Style SMP 53

2/21/00