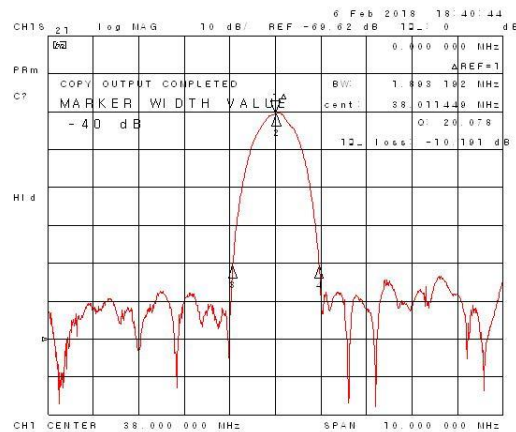
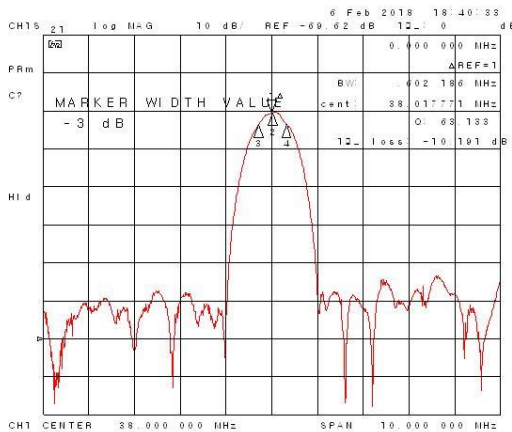


PRODUCT SPECIFICATION FOR INFORMATION

- Customer : VSSC
- Product Name : SAW BAND PASS FILTER
- Part No : M038005S

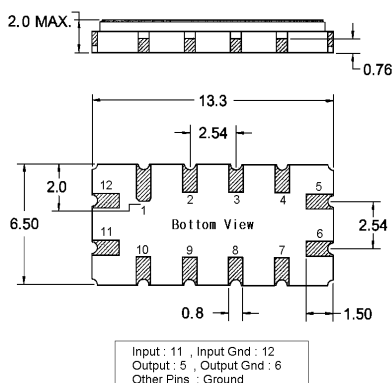
1. Typical Performance



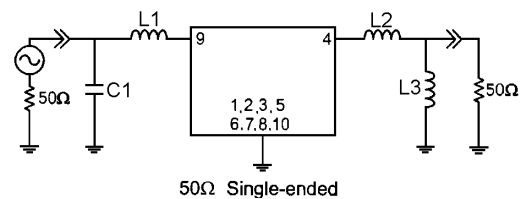
2. Specification

| Frequency Characteristics | | Minimum | Typical | Maximum |
|--------------------------------------|--------|----------------|---------|---------|
| Center Frequency | MHz | - | 38.00 | - |
| Insertion Loss | dB | - | 9.00 | 11.00 |
| 1dB Bandwidth | MHz | 0.20 | 0.30 | - |
| 3dB Bandwidth | MHz | 0.45 | 0.55 | - |
| 40dB Bandwidth | MHz | - | 2.00 | 2.50 |
| Attenuation | dB | 40 | 45 | - |
| Amplitude Ripple | dB | - | 0.60 | 1.20 |
| Group Delay Variation | nsec | - | 100 | 200 |
| Absolute Delay | μsec | - | 1.7 | - |
| Temperature Coefficient of Frequency | ppm/°C | - | -20 | - |
| Operating Temperature Range | °C | -40 ~ +70 | | |
| Package | mm | 13.3X6.5 (SMD) | | |

Package Dimension



Matching Configuration



$$L1 = 330\text{nH}, L2 = 270\text{nH}, L3 = 180\text{nH}, C = 191\text{pF}$$

Source / Load Impedance = 50Ω

Ambient Temperature = 25°C

