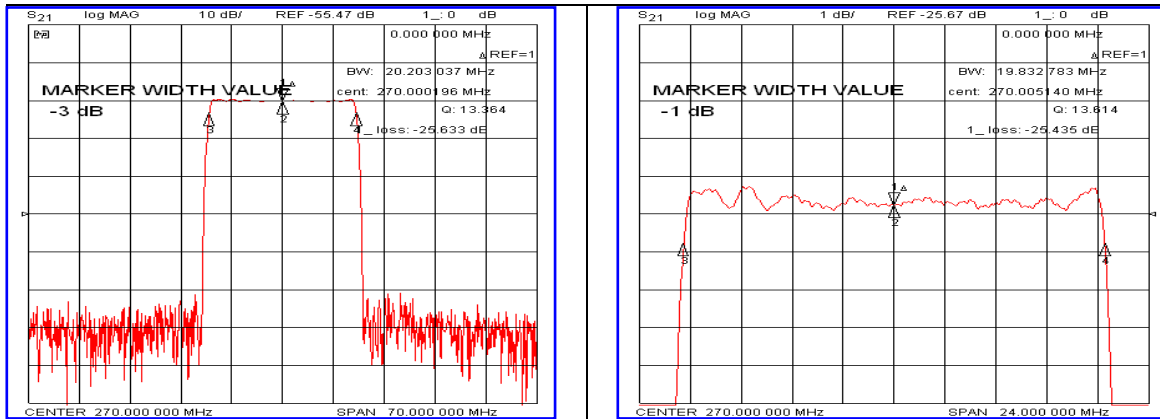


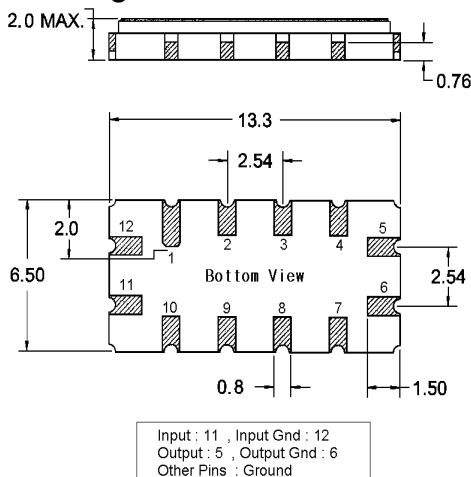
Typical Performance



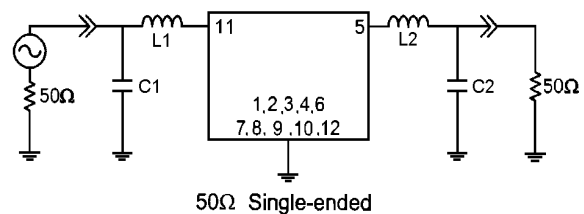
Specification

| Parameter | Unit | Min. | Typ. | Max. |
|--|-------------------------|------------------------|--------|-------|
| Center Frequency | MHz | - | 270.00 | - |
| Insertion Loss | dB | - | 25.60 | 27.50 |
| 1dB Bandwidth | MHz | 19.60 | 19.83 | - |
| 3dB Bandwidth | MHz | - | 20.20 | - |
| 40dB Bandwidth | MHz | - | 21.95 | 22.20 |
| Passband Ripple($F_c \pm 9.475\text{MHz}$) | dB | - | 0.65 | 1.20 |
| Absolute Delay | μsec | - | 1.93 | - |
| Group Delay Variation($F_c \pm 9.475\text{MHz}$) | nsec | - | 50 | 100 |
| Ultimate Attenuation | dB | 40 | 50 | - |
| Substrate Material | - | 112-LiTaO ₃ | | |
| Temperature Coefficient | ppm/ $^{\circ}\text{C}$ | -20 | | |

Package Dimension



Matching Configuration



L1=15nH, L2=18nH, C1=33pF, C2=24pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

Rev.0 120705

