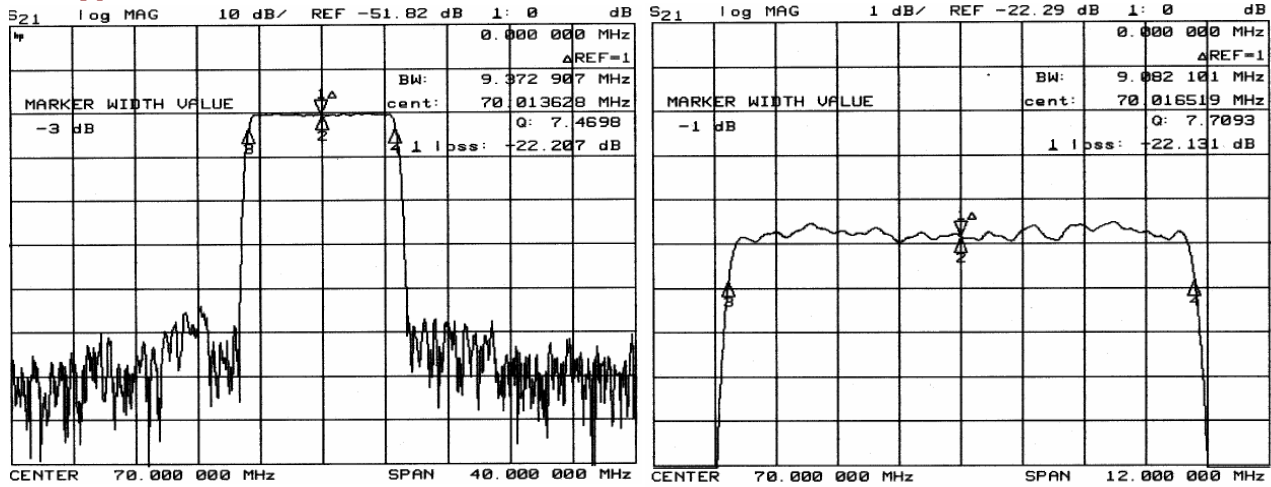


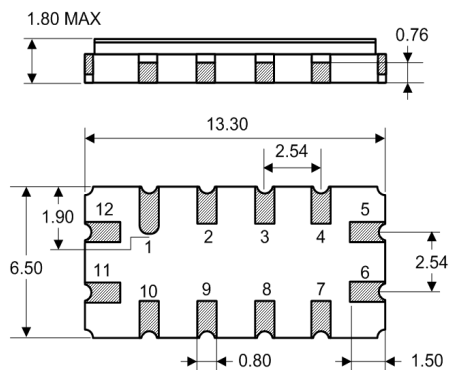
Typical Performance



Specification

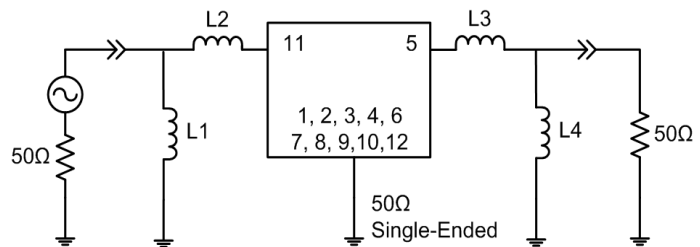
| Index | Unit | Min | Typical | Max |
|-------------------------|-----------------|--------------------|---------|-------|
| Center Frequency | MHz | 69.92 | 70.00 | 70.08 |
| Insertion Loss | dB | | 22.5 | 23.5 |
| 1 dB Bandwidth | MHz | 9.00 | 9.08 | |
| 3 dB Bandwidth | MHz | 9.30 | 9.37 | |
| 40 dB Bandwidth | MHz | | 10.59 | 10.65 |
| Passband Ripple | dB | | 0.75 | 1.00 |
| Group Delay Variation | nsec | | 50 | 100 |
| Absolute Delay | µsec | | 1.60 | |
| Ultimate Rejection | dB | 40 | 45 | |
| Package | mm ² | 13.3 x 6.5 | | |
| Substrate Material | | LiTaO ₃ | | |
| Temperature Coefficient | ppm/°C | -20 | | |

Package Dimension



Input:11 Input Gnd:12 Output:5 Output Gnd:6
Other Pins: Ground

Matching Configuration



L1=L2=150nH , L3=22nH , L4=56nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C