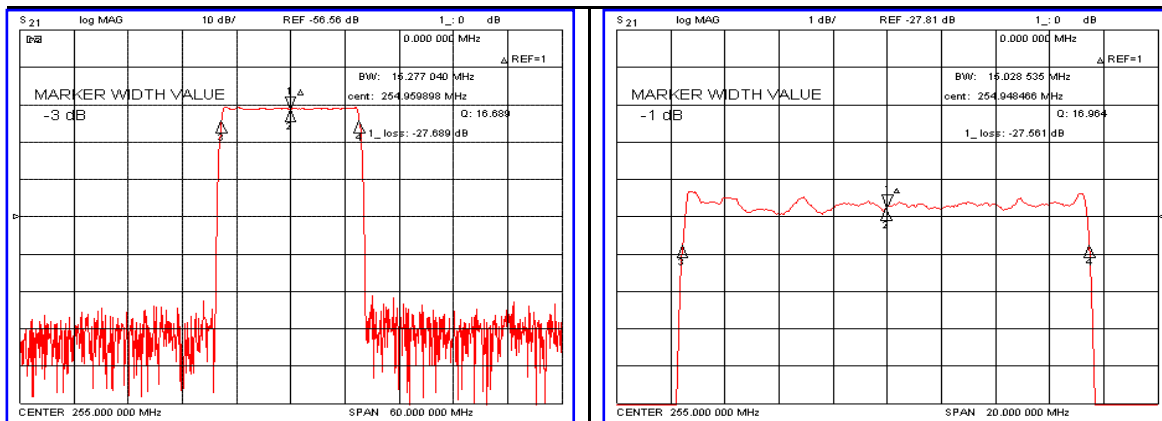


Typical Performance



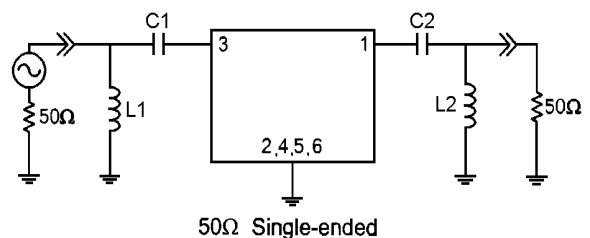
Specification

| Parameter | Unit | Min. | Typ. | Max. |
|-------------------------|--------|------------------------|--------|--------|
| Center Frequency (Fc) | MHz | 254.80 | 255.00 | 255.20 |
| Insertion Loss | dB | - | 27.70 | 30.00 |
| 1dB Bandwidth | MHz | - | 15.02 | - |
| 3dB Bandwidth | MHz | 15.10 | 15.27 | - |
| 45dB Bandwidth | MHz | - | 16.52 | 16.70 |
| Passband Ripple | dB | - | 0.65 | 1.00 |
| Group Delay Variation | nsec | - | 70 | 150 |
| Absolute Delay | μsec | - | 3.28 | - |
| Ultimate Attenuation | dB | 50 | 55 | - |
| Substrate Material | - | 112-LiTaO ₃ | | |
| Temperature Coefficient | ppm/°C | -20 | | |

Package Dimension



Matching Configuration



L1= L2=12nH, C1=33pF, C2=30pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

09/26/2006

