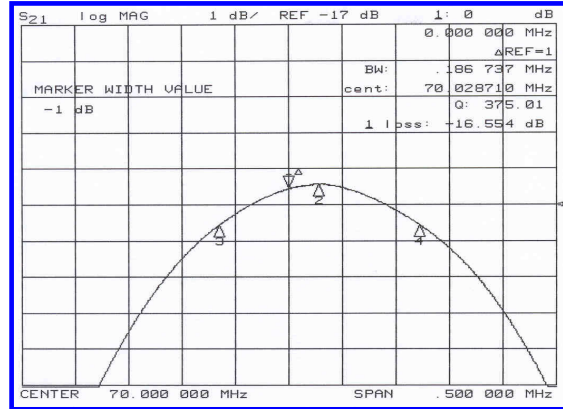
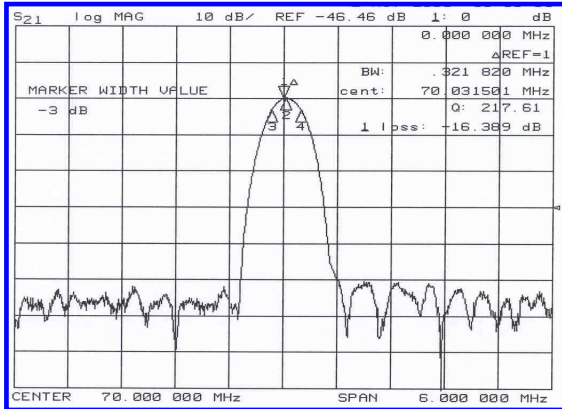


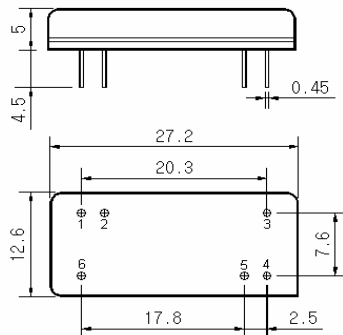
Typical Performance



Specification

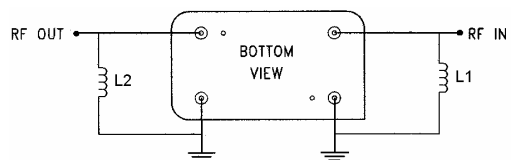
| Parameter | Unit | Min. | Typ. | Max. |
|-------------------------|--------|--------|-------|-------|
| Center Frequency | Mhz | 69.95 | 70.00 | 70.05 |
| Insertion Loss | dB | - | 16.50 | 19.00 |
| 1dB Bandwidth | Mhz | 0.16 | 0.19 | - |
| 3dB Bandwidth | Mhz | 0.25 | 0.32 | - |
| 40dB Bandwidth | Mhz | - | 0.94 | 1.00 |
| Passband Ripple | dB | - | 0.10 | 0.50 |
| Group Delay Variation | nsec | - | 200 | 400 |
| Absolute Delay | µsec | - | 3.2 | - |
| Ultimate Attenuation | dB | 50 | 55 | |
| Substrate Material | - | Quartz | | |
| Temperature Coefficient | ppm/°C | -0.03 | | |

Package Dimension



1 : Output , 6 : Output Gnd
3 : Input , 4 : Input Gnd
2 , 5 : Case Gnd

Matching Configuration



L1 = L2 = 180nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C