

Typical Applications

- Ground Radar Applications
- IF Applications

Main Features

L-Band BPF
 Surface Mounted Technology
 RoHS Compliant

Electrical Specifications

| Parameter | Unit | Specification |
|--------------------------|------|--|
| Center Frequency (F0) | MHz | 1312 |
| Number of poles | | 3 |
| 1 dB Frequency Bandwidth | MHz | 42 typ. (40 min / 48 max) |
| Insertion Loss @ F0 | dB | 4.0 max |
| Ripple in BW | dB | 1.0 max |
| VSWR @ F0 | | 1.5 : 1 typ. |
| Rejection | dB | 5 min @ F0 ± 40 MHz 18 min @ F0 ± 80 MHz 28 min @ F0 +120 MHz 33 min @ F0 -120 MHz 39 min @ F0 ± 200 MHz |
| Spurious Levels | dB | 5 min at 2000 MHz – 8000 MHz |
| Input Power | dBm | 20 max |
| In/Out Impedance | Ohm | 50 typical |

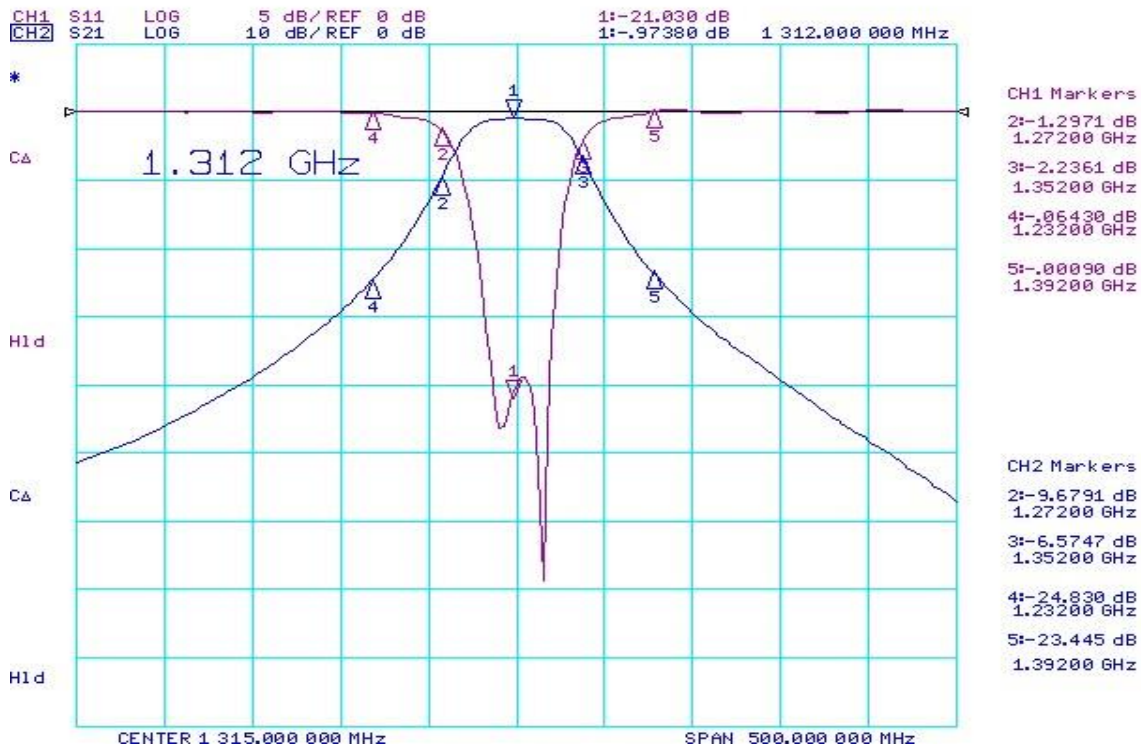
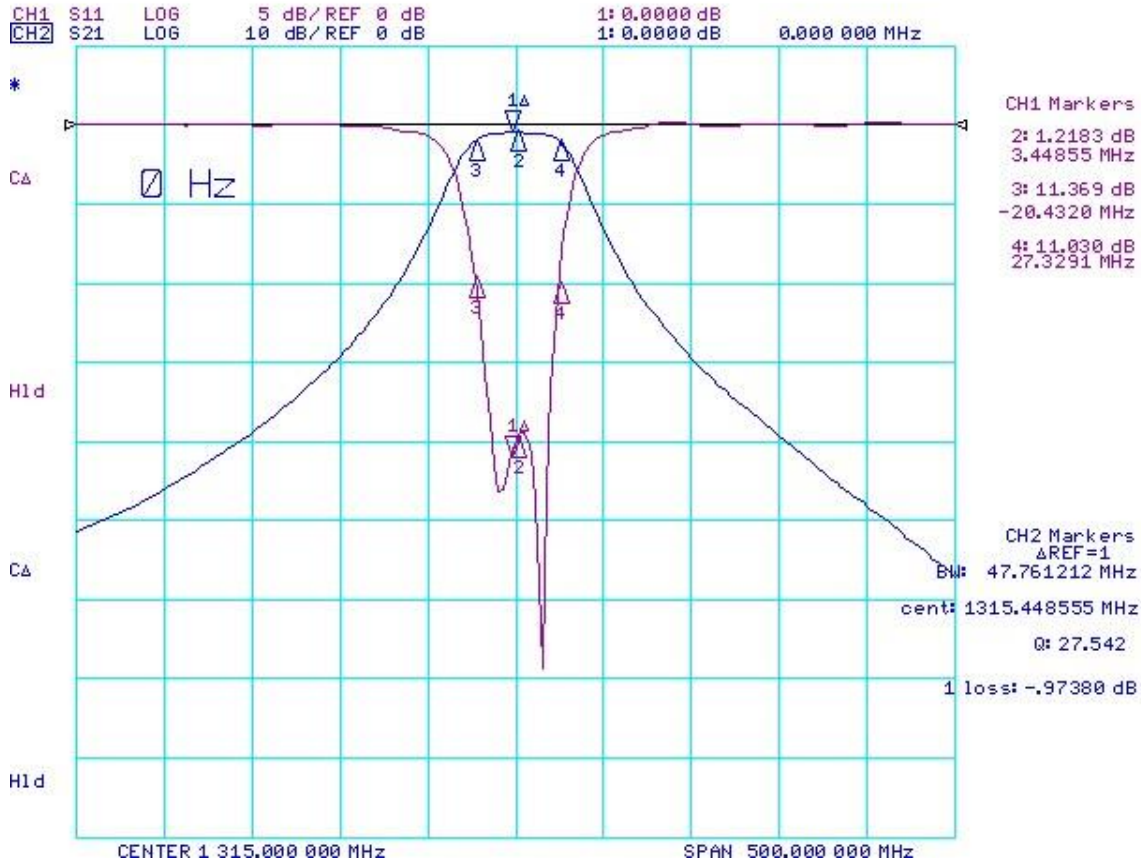
Environment

| Parameter | Unit | Specification |
|-----------------------|------|----------------|
| Operating Temperature | °C | -40°C to +85°C |
| Storage Temperature | °C | -40°C to +85°C |

Products and Product Information are Subject to Change Without Notice

Typical Performances

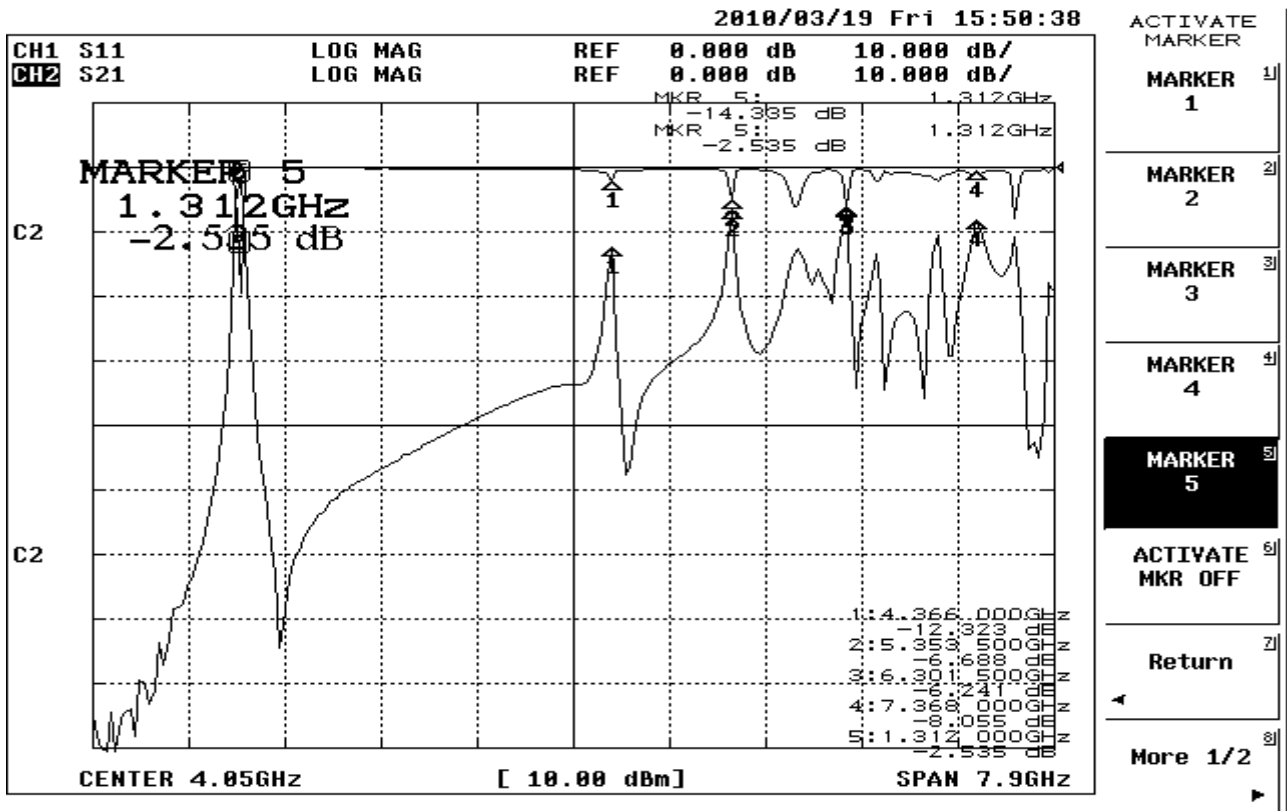
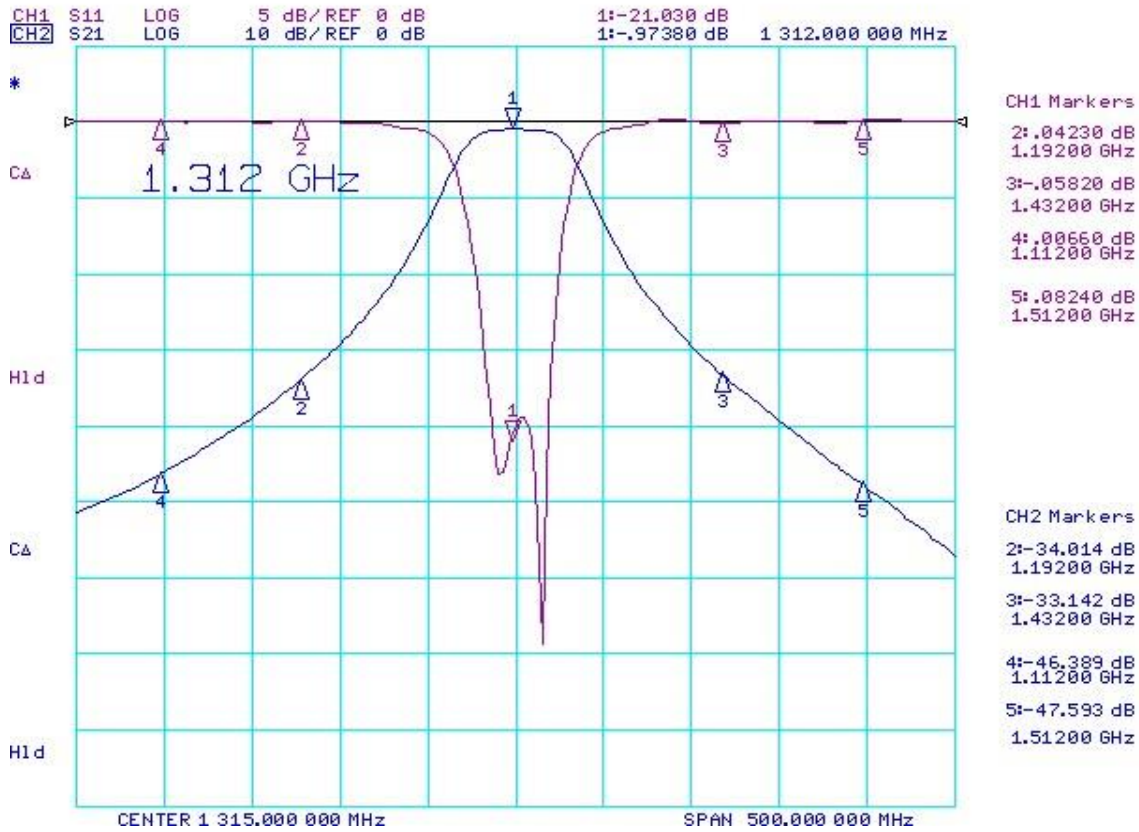
Dielectric Band Pass Filter



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Dielectric Band Pass Filter



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