

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Surface Mount

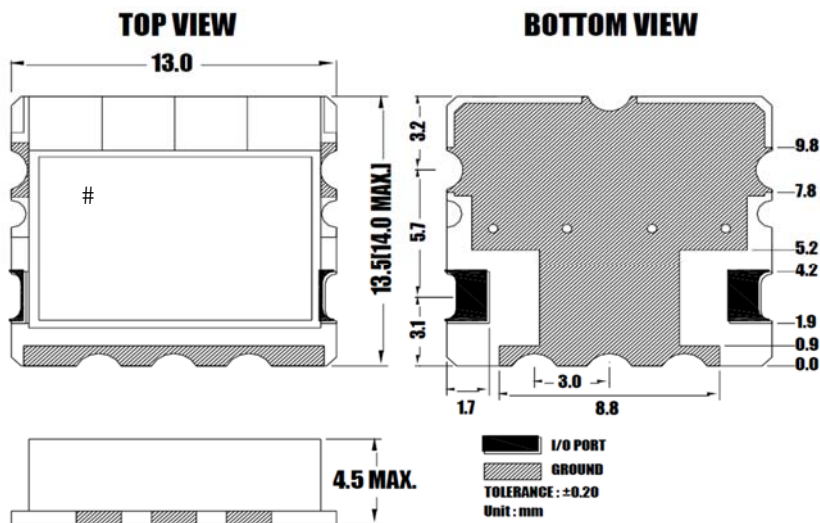
Descriptions

Surface mount ceramic bandpass filter developed for S band applications.

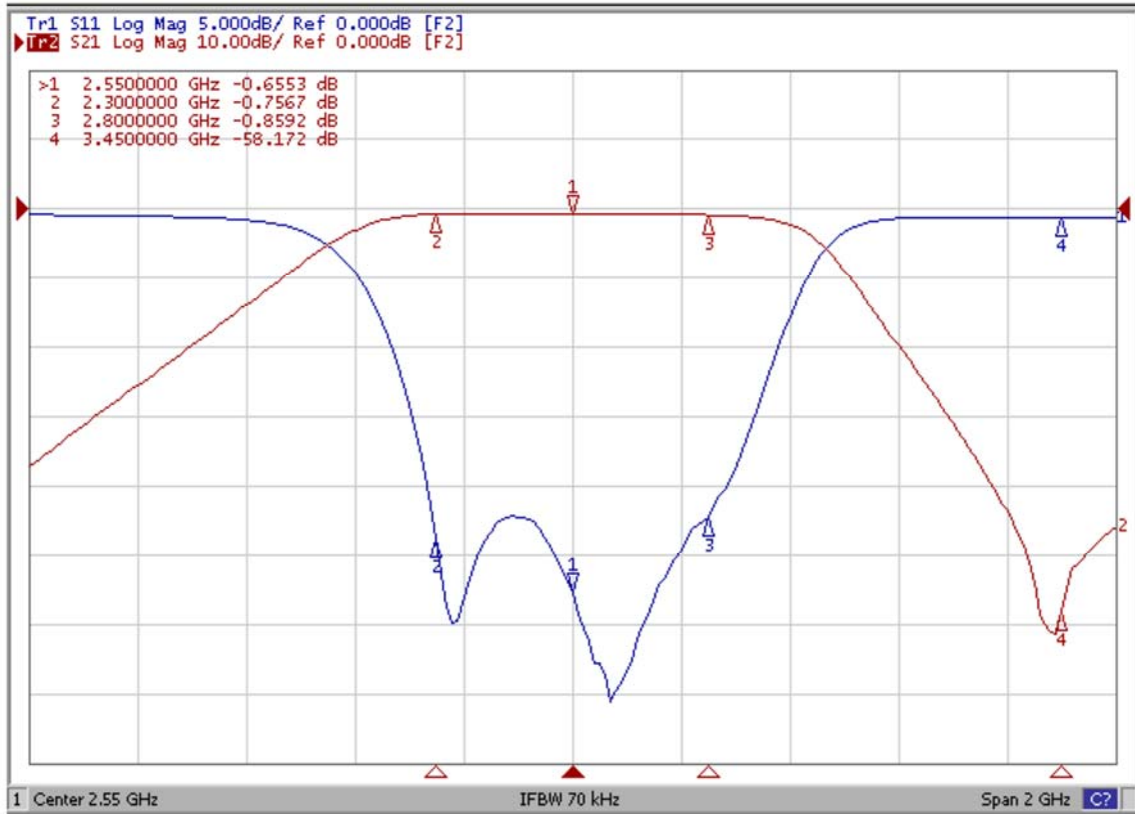
Electrical Specifications

| Parameter | Unit | Specification |
|-------------------------------|-------|-----------------------------|
| Center Frequency (Fc) | MHz | 2550 |
| Passband Frequency Range | MHz | 2300-2800 |
| Insertion Loss in Passband | dB | 1.2 max |
| Ripple in Passband | dB | 0.5 max |
| Return Loss(VSWR) in Passband | dB | 18.0 min |
| Attenuation | dB | 30 min @ 1800 MHz |
| | | 30 min @ 3300 MHz |
| Operating Input Power | Watts | 3.0 CW max |
| IN/OUT Impedance | Ohm | 50 |
| Operating Temperature | °C | -40 ~ +85 |
| Dimensions | mm | 13 x 14.0 x 4.5 (L x W x H) |
| RoHS | - | Yes |

Mechanical Drawing



Electrical Response



Recommended PCB Layout

