



46.75MHz SAW filter technical specification

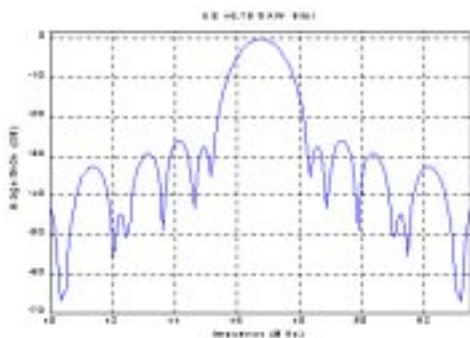
Absolute Maximum Rating

| Rating | Value |
|-------------------------------|--------------|
| CW RF power Dissipation | +13dBm |
| DC Voltage between any 2 pins | ± 30 VDC |
| Operating Temperature | -10 to +50°C |

Electrical Characteristic

| Characteristic | Unit | Minimum | Typical | Maximum |
|--------------------------------|------|---------|---------|---------|
| Center Frequency (f_0) | MHz | | 46.75 | |
| 3dB bandwidth | MHz | 1 | 1.2 | |
| Insertion Loss | | | | |
| 1) f_0-20 MHz~ $f_0-1.6$ MHz | dB | 20 | 8 | 10 |
| 2) f_0 | | | | |
| 3) $f_0+1.6$ MHz~ f_0+20 MHz | | | | |
| Amplitude Ripple | dB | | 0.5 | 2.0 |
| Input and output Impedance | | | - | |
| Package | | | TO-39 | |
| Ambient Temperature | °C | | 25 | |

Frequency response



Package

