

SF1575C – GPS Filter

This product is lead-free in compliance with RoHs 2002/95/EC.

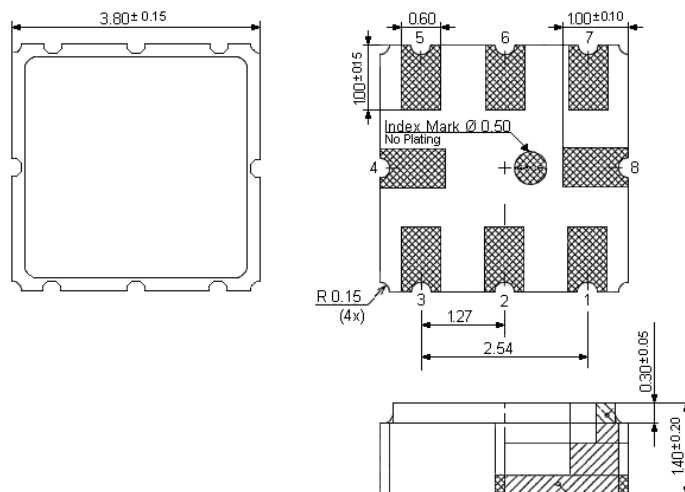
Test Conditions:

| | |
|---|-------------|
| RF power | 0 dBm |
| Temperature | 23 °C |
| DC Voltage | 0 V |
| Terminating source impedance (Z_S): | 50 Ω |
| Terminating load impedance (Z_L): | 50 Ω |

| | minimum | typical | maximum | unit |
|--|---------|---------|---------|-------|
| Centre frequency | | 1575.42 | | MHz |
| Insertion Loss in Pass Band 1574.42 – 1576.42 MHz | | 2.2 | 3.5 | dB |
| Ripple in Pass Band 1574.42 – 1576.42 MHz | | 0.6 | 1.2 | dB |
| VSWR | | | 2.5 | |
| Rejection | | | | |
| DC – 1475 MHz | 40 | | | dB |
| 1475 MHz – 1525 MHz | 30 | | | dB |
| 1615 MHz – 1650 MHz | 20 | | | dB |
| 1650 MHz – 1800 MHz | 40 | | | dB |
| RF Power | | | 22 | dBm |
| Operating temperature range | -40 | | +85 | °C |
| Storage temperature range | -40 | | +85 | °C |
| Temperature coefficient of frequency | | -31.0 | | ppm/K |

Electrostatic Sensitive Device

Package: S36 / 3.8x3.8mm²



All dimensions in mm.

Pin 2 In/Out
 Pin 1, 3, 4, 5 Ground
 Pin 6 Out / In
 Pin 7, 8 Ground

Typical performance:

