



Features and Benefits

Center frequency: 2800MHz
I.L: 4.5dB Max.
Operating temperature: 0°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

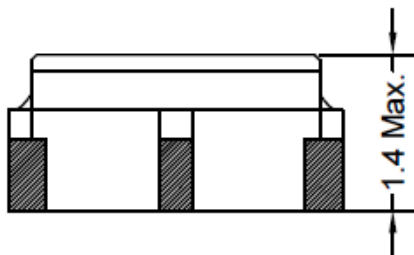


Typical Applications

IOT
Cellular
Telecom
4G/LTE
Wireless Communication
WLAN
Base Station
Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



| PIN | Function |
|--------|----------|
| #2 | INPUT |
| #5 | OUTPUT |
| Others | GND |

Unit in mm

1mm = 0.0394 inches

Not Specified Tolerance: ±0.2mm



Specifications

| Parameter | Min. | Typical | Max. | Units |
|---|---------------|---------|------|--------|
| Center Frequency Fc | | 2800 | | MHz |
| Insertion Loss (2700~2900 MHz) IL | | 3.7 | 4.5 | dB |
| Amplitude Ripple (2700~2900 MHz) | | 1.4 | 2.2 | dB |
| Return Loss (2700~2900 MHz) | 8 | 11 | | dB |
| Attenuation (Reference level from 0 dB) | | | | |
| 1000~2580 MHz | 20 | 32 | | dB |
| 3100~4500 MHz | 20 | 35 | | dB |
| Temperature Coefficient of Frequency | | -75 | | ppm/°C |
| In/Out Impedance (Single) | | 50 | | ohm |
| Input Power Level | | 15 | | dBm |
| DC Voltage | | 0 | | V |
| Operating Temperature Range | 0 | | +85 | °C |
| Storage Temperature Range | -40 | | +85 | °C |
| Moisture Sensitivity Level | Level 1(MSL1) | | | |