



Features and Benefits

Center frequency: 1827.5MHz
I.L: 3.5dB Max.
Operating temperature: -40°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 | | 1827.5 | | MHz |
| Insertion Loss (1805~1850 MHz) | IL | | 2.0 | 3.5 | dB |
| Amplitude Ripple (1805~1850 MHz) | | | 0.7 | 2.0 | dB |
| VSWR (1805~1850 MHz) | | | 1.5 | 2.5 | |
| Attenuation (Reference level from 0 dB) | | | | | |
| 1627~1727 | MHz | 25 | 31 | | dB |
| 1927~2027 | MHz | 25 | 33 | | dB |
| Input Power Level | | | 10 | | dBm |
| DC Voltage | | | 3 | | V |
| Operating Temperature Range | | -40 | | +85 | °C |
| Storage Temperature Range | | -40 | | +85 | °C |