



Features and Benefits

Center frequency: 899MHz

I.L: 3.5dB Max.

Operating temperature: -30°C to +80°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

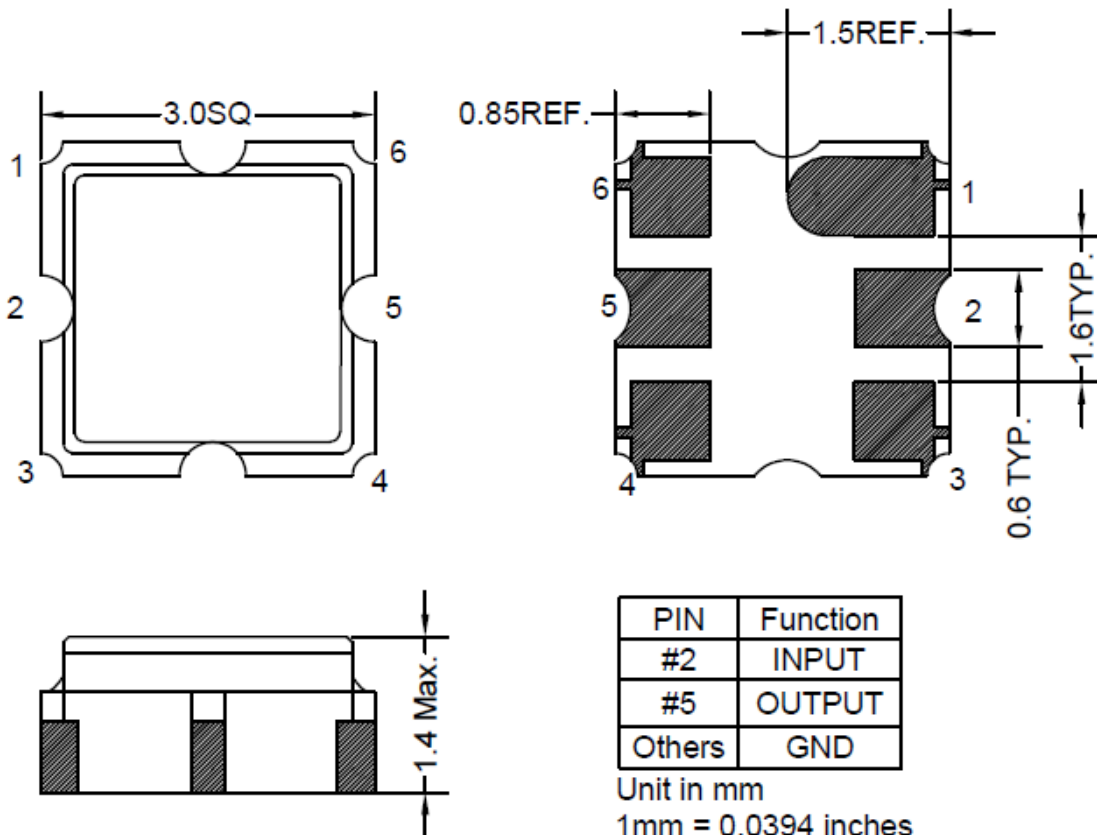
WLAN

Base Station

Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1





Specifications

| Parameter | | Min. | Typical | Max. | Units |
|---|-----|---------------|---------|------|-------|
| Center Frequency | Fc | | 899 | | MHz |
| Insertion Loss (895~903 MHz) | IL | | 2.6 | 3.5 | dB |
| Amplitude Ripple (895~903 MHz) | | | 0.4 | 2.0 | dB |
| VSWR (895~903 MHz) | | | 1.7 | 2.2 | |
| Attenuation (Reference level from 0 dB) | | | | | |
| 10 ~ 869 | MHz | 37 | 53 | | dB |
| 930 ~ 935 | MHz | 37 | 53 | | dB |
| 935 ~ 960 | MHz | 37 | 54 | | dB |
| 960 ~ 1600 | MHz | 35 | 53 | | dB |
| 1600 ~ 2600 | MHz | 31 | 36 | | dB |
| Input Power Level | | | 15 | | dBm |
| DC Voltage | | | 5 | | V |
| Operating Temperature Range | | -30 | | +80 | °C |
| Storage Temperature Range | | -40 | | +85 | °C |
| Moisture Sensitivity Level | | Level 1(MSL1) | | | |