



## Features and Benefits

Center frequency: 895MHz

I.L: 3.0dB Max.

Operating temperature: -30°C to +80°C

Size: 3x3x1.4mm

Package type: Surface Mount



## Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

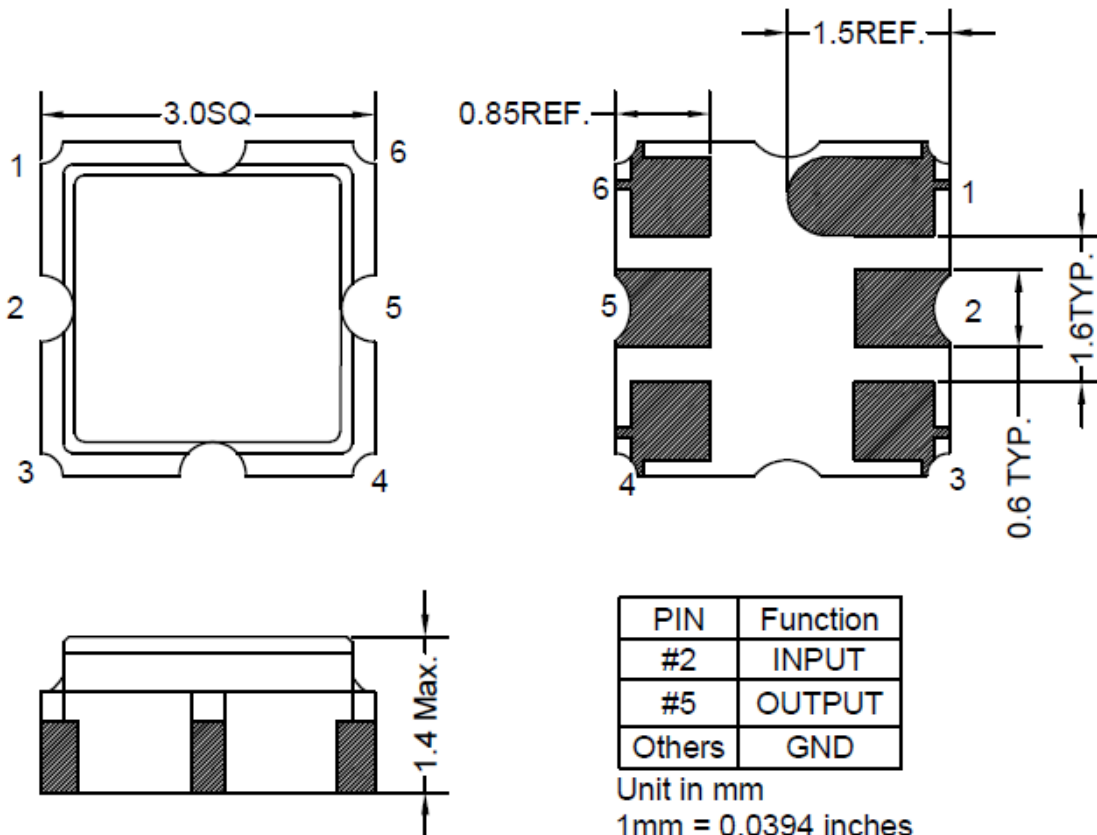
WLAN

Base Station

Radar

## Mechanical Drawing & Pin Connections

Drawing No: MD240080-1





## Specifications

| Parameter                               |     | Min.          | Typical | Max. | Units  |
|---|-----|---------------|---------|------|--------|
| Center Frequency                        | Fc  |               | 895     |      | MHz    |
| Insertion Loss (894~896 MHz)            | IL  |               | 2.6     | 3.0  | dB     |
| Amplitude Ripple (894~896 MHz)          |     |               | 0.3     | 1.0  | dB     |
| Return Loss (894~896 MHz)               |     | 9             | 12      |      | dB     |
| Attenuation (Reference level from 0 dB) |     |               |         |      |        |
| 10 ~ 851                                | MHz | 40            | 56      |      | dB     |
| 1030 ~ 1100                             | MHz | 40            | 54      |      | dB     |
| 1100 ~ 2600                             | MHz | 25            | 33      |      | dB     |
| Temperature Coefficient of Frequency    |     |               | -36     |      | ppm/°C |
| 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) |         |      |        |