



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

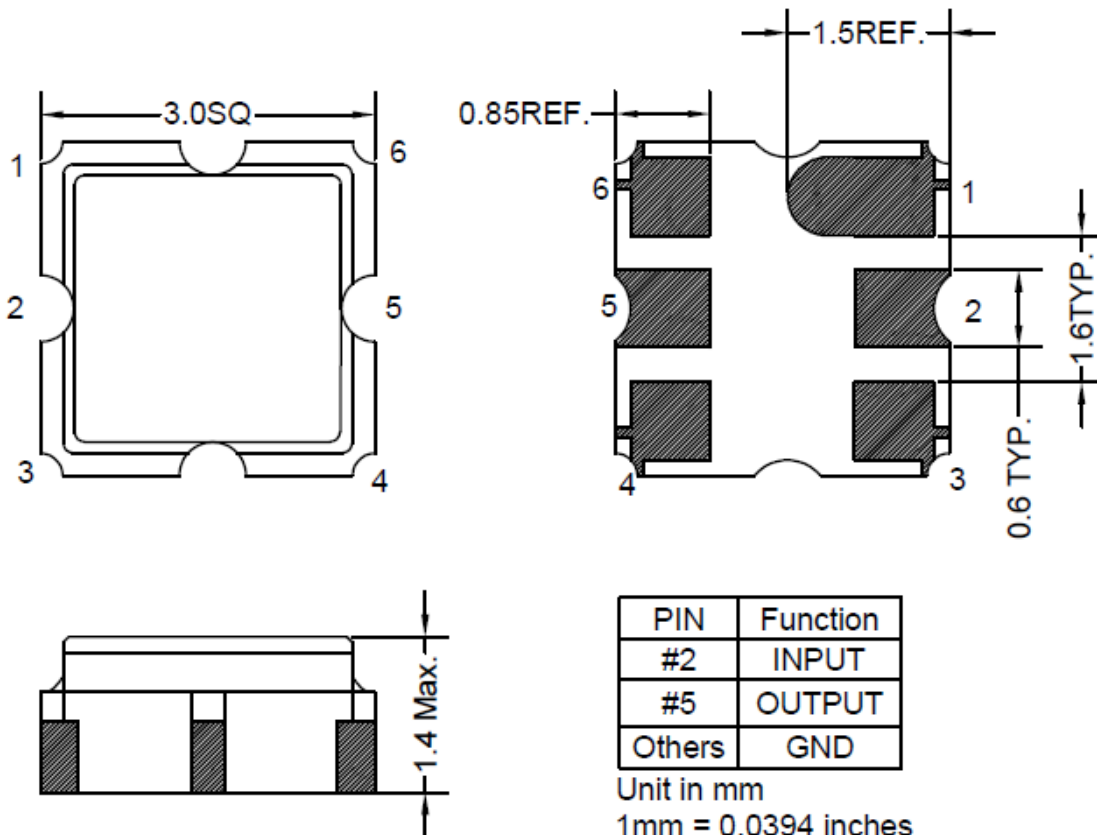
WLAN

Base Station

Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



PIN	Function
#2	INPUT
#5	OUTPUT
Others	GND

Unit in mm

1mm = 0.0394 inches

Not Specified Tolerance: $\pm 0.2\text{mm}$



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			10		dBm
DC Voltage			5		V
Operating Temperature Range		-30		+80	°C
Storage Temperature Range		-40		+85	°C