



Features and Benefits

Center frequency: 869MHz

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

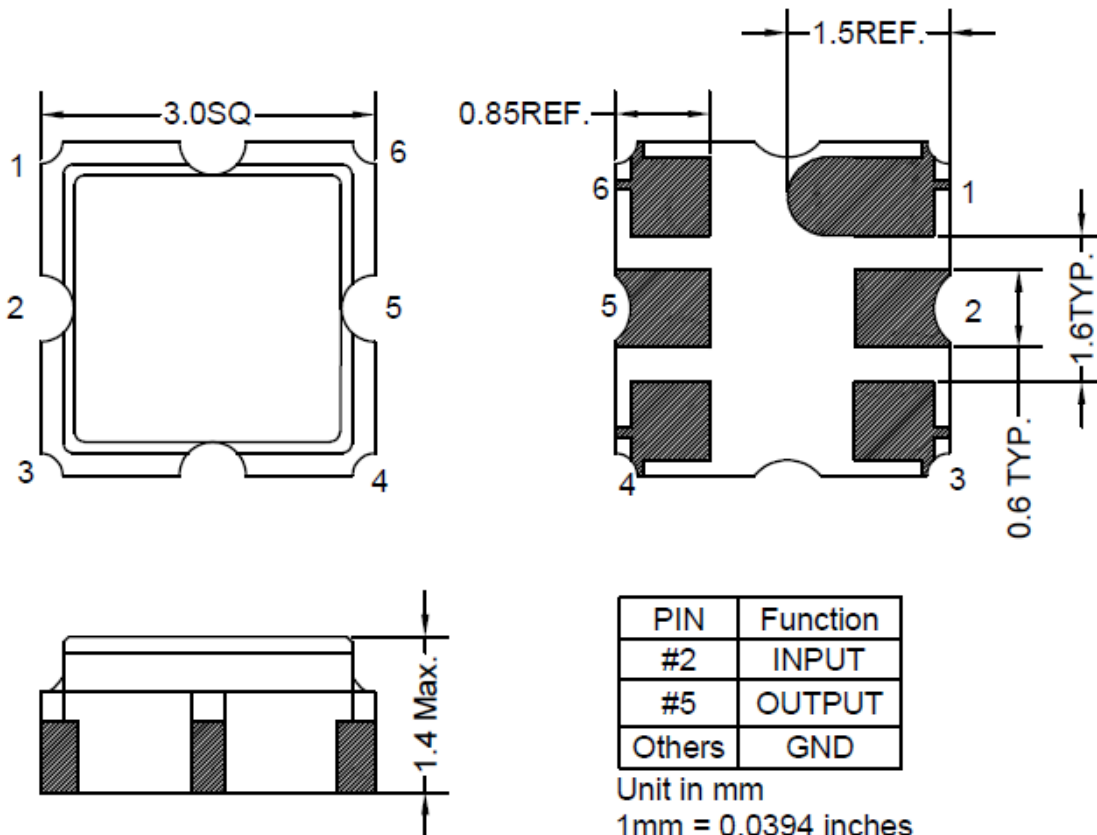
WLAN

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: $\pm 0.2\text{mm}$



Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		869		MHz
Insertion Loss (862~876 MHz)	IL		1.9	3.5	dB
Amplitude Ripple (862~876 MHz)			0.6	2.4	dB
Attenuation (Reference level from 0 dB)					
100 ~ 800	MHz	30	40		dB
800 ~ 840	MHz	20	44		dB
898 ~ 925	MHz	20	49		dB
925 ~ 1700	MHz	30	43		dB
1700 ~ 1900	MHz	35	42		dB
1900 ~ 3000	MHz	20	31		dB
Temperature Coefficient of Frequency			-36		ppm/K
Input Power Level			10		dBm
DC Voltage			4		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C