



Features and Benefits

Center frequency: 869MHz

I.L: 3.5dB Max.

Operating temperature: -25°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

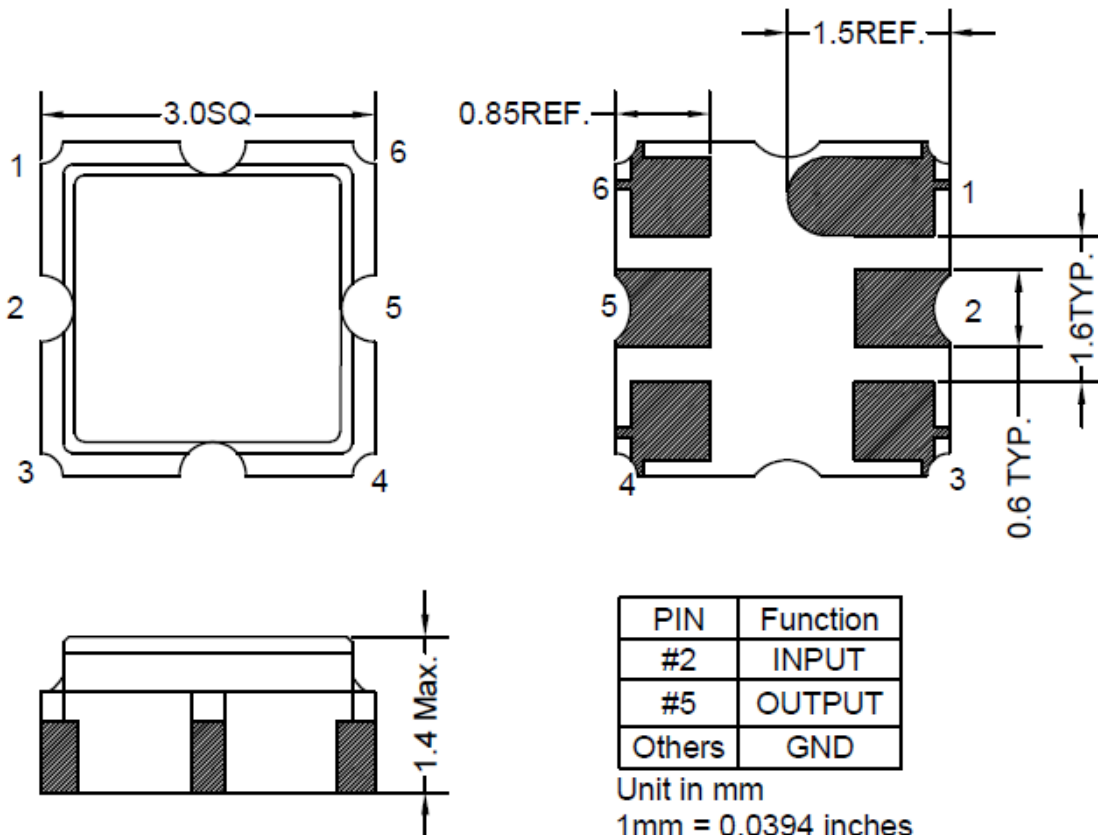
WLAN

Base Station

Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1





Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		869		MHz
Insertion Loss (865~873 MHz)	IL		1.9	3.5	dB
Amplitude Ripple (865~873 MHz)			0.4	2.4	dB
Return Loss (865~873 MHz)		9	13		dB
Attenuation (Reference level from 0 dB)					
100 ~ 845	MHz	30	40		dB
900 ~ 2000	MHz	30	42		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			27		dBm
DC Voltage			4		V
Operating Temperature Range		-25		+85	°C
Storage Temperature Range		-40		+85	°C
Moisture Sensitivity Level		Level 1(MSL1)			