



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

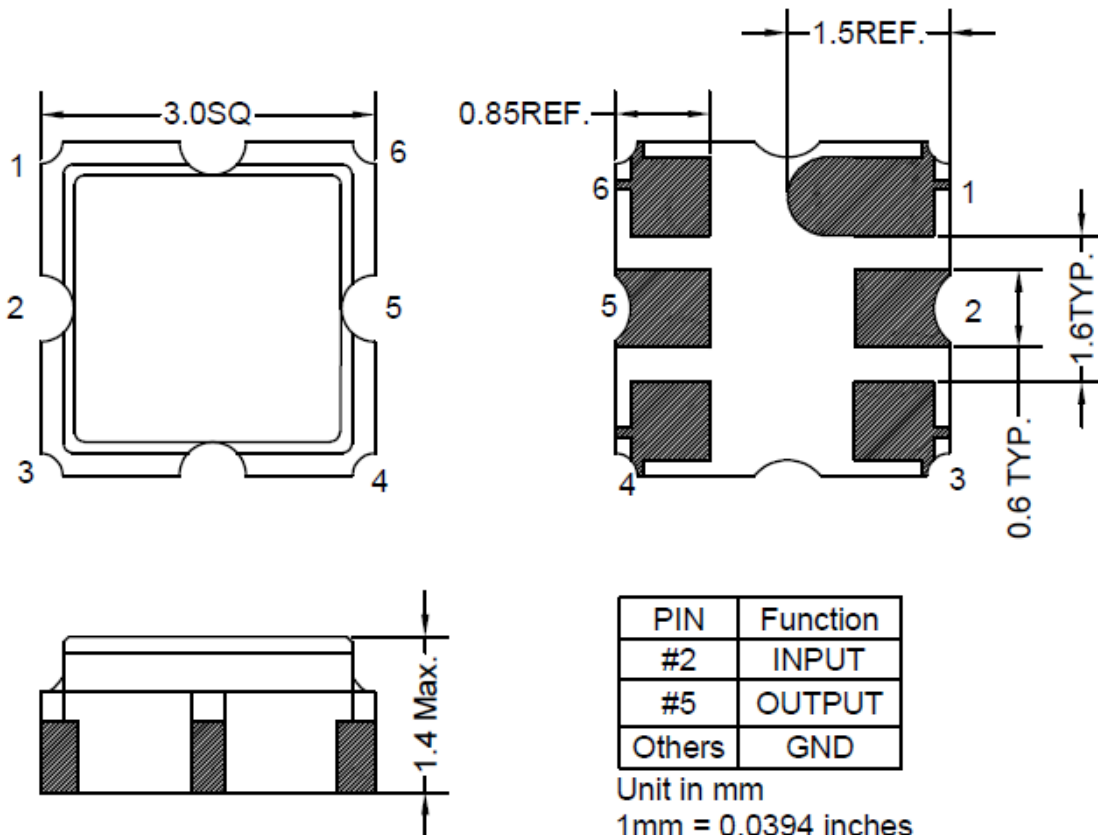
WLAN

Base Station

Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1





Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		869		MHz
Insertion Loss (868~870 MHz)	IL		3.0	3.5	dB
Amplitude Ripple (868~870 MHz)			0.5	1.2	dB
VSWR (868~870 MHz)			1.5	2.0	
Attenuation (Reference level from 0 dB)					
50 ~ 791	MHz	45	50		dB
791 ~ 835	MHz	45	50		dB
835 ~ 848	MHz	43	48		dB
848 ~ 862	MHz	15 ¹⁾	25		dB
880 ~ 883	MHz	35	45		dB
883 ~ 1000	MHz	49	54		dB
Input Power Level			20		dBm
DC Voltage			6		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C
Source impedance (single ended)			50		Ω
Load impedance (single ended)			50		Ω
Moisture Sensitivity Level		Level 1			

Note: 25dB at 25°C; 15dB for -40°C to +60°C