



Features and Benefits

Center frequency: 831.5MHz

I.L: 5.0dB Max.

Operating temperature: -40°C to +105°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

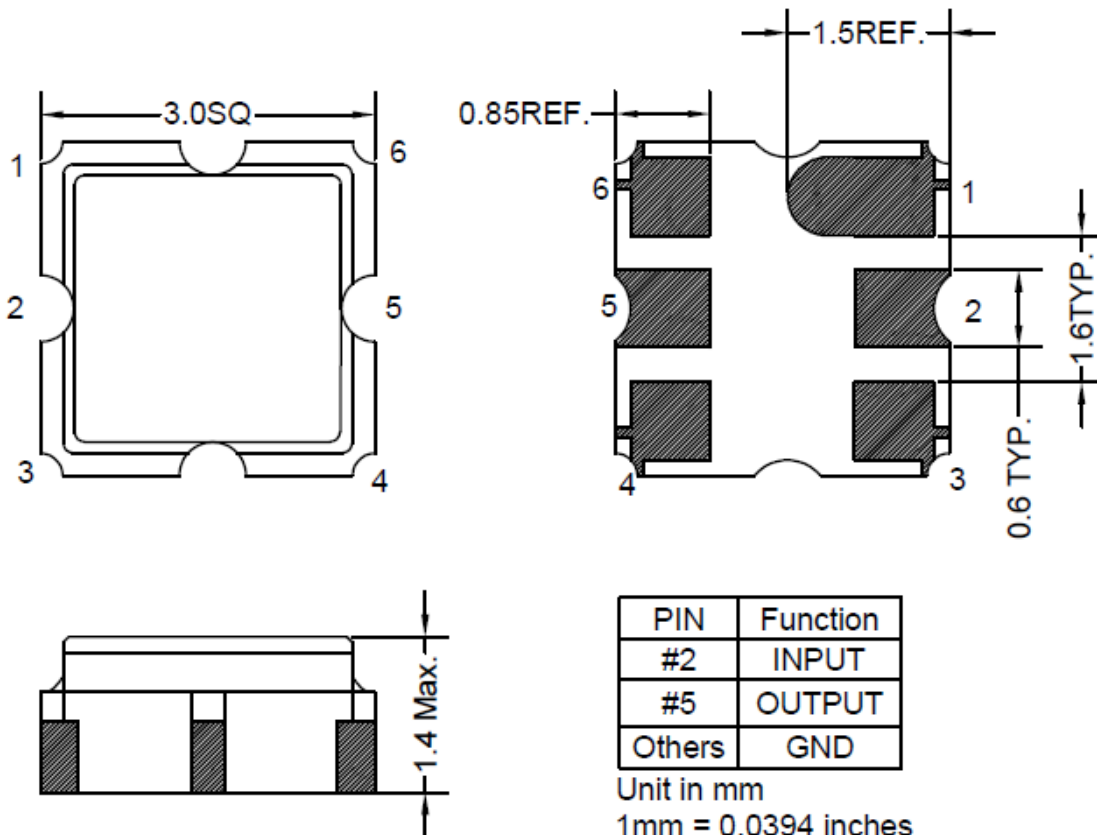
WLAN

Base Station

Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



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



Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		831.5		MHz
Insertion Loss (814~849 MHz)	IL		3.8	5.0	dB
Amplitude Ripple (814~849 MHz)			1.7	3.5	dB
VSWR (814~849 MHz)			2.5	2.8	
Attenuation (Reference level from 0dB)					
D.C. ~ 790	MHz	30	46		dB
875 ~ 900	MHz	20	31		dB
900 ~ 2300	MHz	25	33		dB
2300 ~ 2600	MHz	25	30		dB
2600 ~ 2800	MHz	20	29		dB
2800 ~ 3200	MHz	5	26		dB
3200 ~ 6000	MHz	2	4		dB
Input Power Level			15		dBm
DC Voltage			5		V
Operating Temperature Range		-40		+105	°C
Storage Temperature Range		-40		+105	°C
Moisture Sensitivity Level		Level 1 (MSL1)			