



Features and Benefits

Center frequency: 785MHz

I.L: 3.5dB Max.

Operating temperature: 0°C to +50°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

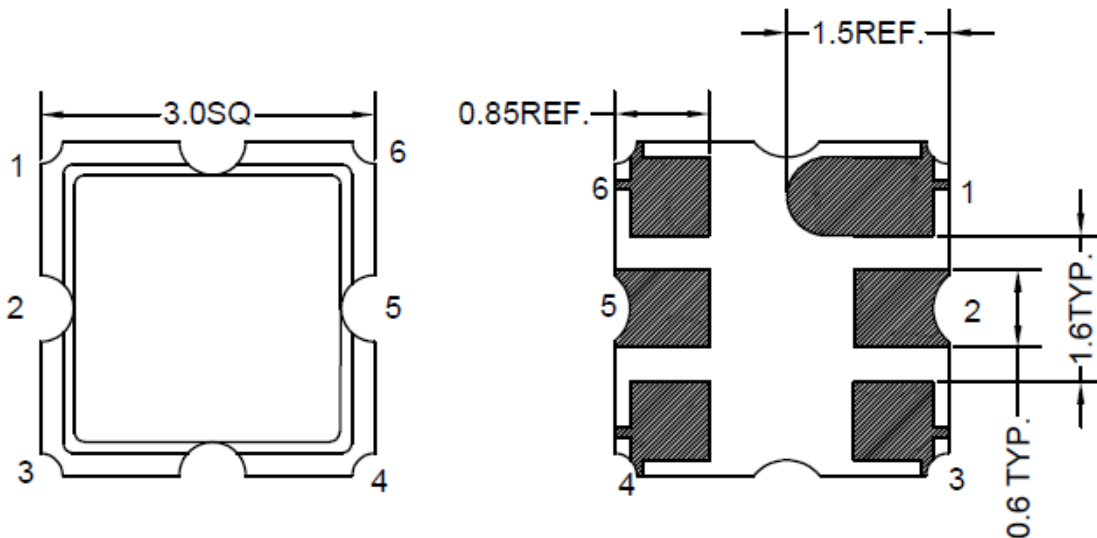
WLAN

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		785		MHz
Insertion Loss (776~794 MHz)	IL		2.1	3.5	dB
Amplitude Ripple (776~794 MHz)			0.5	1.5	dB
VSWR (776~794 MHz)			1.7	2.3	
Attenuation (Reference level from 0 dB)					
Fc - 45	MHz	40	52		dB
Fc + 45	MHz	35	45		dB
Source Impedance	Z _s		50		ohm
Load Impedance	Z _L		50		ohm
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		0		+50	°C
Storage Temperature Range		-30		+85	°C