



Features and Benefits

Center frequency: 895.5MHz

I.L: 2.7dB Max.

Operating temperature: -30°C to +80°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

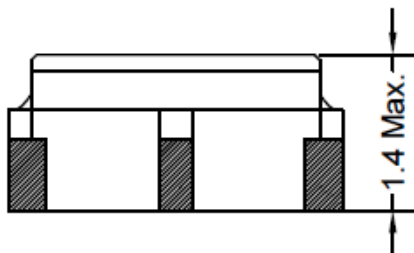
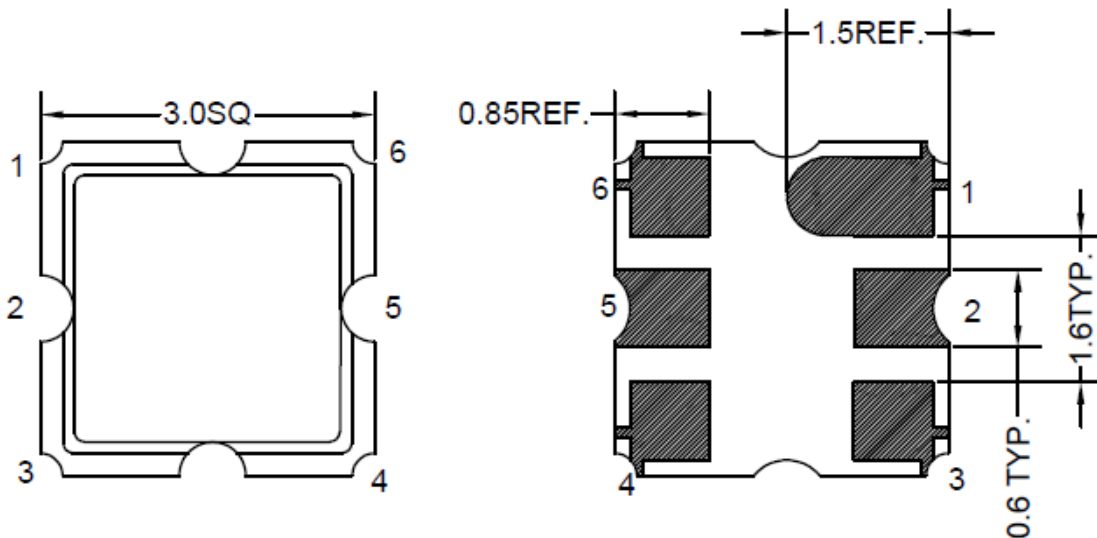
WLAN

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		895.5		MHz
Insertion Loss	IL		1.4	2.7	dB
Insertion Loss at ambient temp.			1	2.2	dB
Amplitude Ripple (876~915 MHz)			1.8	2.4	dB
Amplitude Ripple at ambient temp. (876~915 MHz)			1.5	2.2	
VSWR (876~915 MHz)			2.3	3	
Attenuation (Reference level from 0 dB)					
DC~856	MHz	17	19		dB
925~935	MHz	4	9		dB
925~935	MHz at ambient temp.	6	15		dB
935~2000	MHz	20	22		dB
2000~3000	MHz	13	17		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-30		+80	°C
Storage Temperature Range		-40		+85	°C