



Features and Benefits

Center frequency: 942.5MHz

I.L: 3.5dB Max.

Operating temperature: -20°C to +75°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

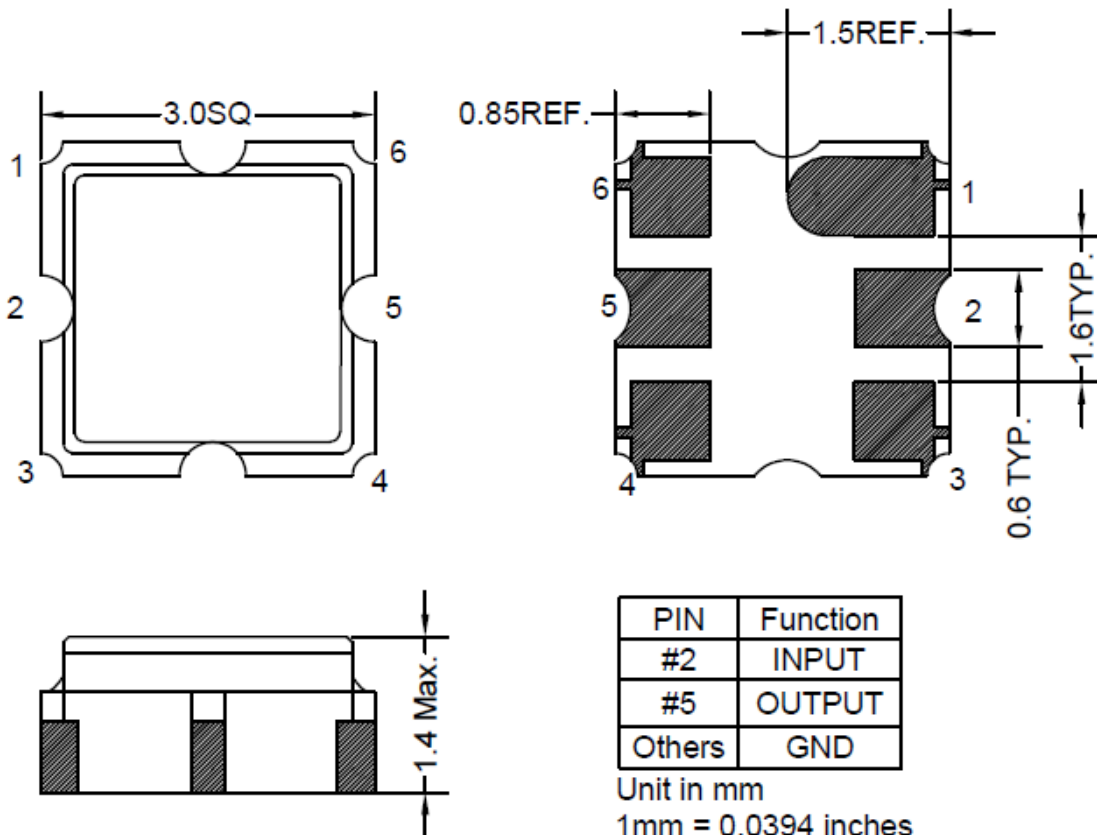
WLAN

Base Station

Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1





Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		942.5		MHz
Insertion Loss (925~960 MHz)	IL		2.8	3.5	dB
Amplitude Ripple (925~960 MHz)			1.1	1.8	dB
VSWR (925~960 MHz)			2.0	2.5	
Attenuation (Reference level from 0 dB)					
D.C. ~ 880	MHz	26	32		dB
880 ~ 905	MHz	19	25		dB
905 ~ 915	MHz	12	17		dB
980 ~1005	MHz	18	23		dB
1725 ~ 1760	MHz	32	44		dB
1760 ~ 3000	MHz	20	23		dB
Input Power Level			15		dBm
DC Voltage		-5		+5	V
Operating Temperature Range		-20		+75	°C
Storage Temperature Range		-40		+85	°C
Input Zin = Rin//Cin	Zs		50 // 0 *		Ω // PF
Output Zout = Rout//Cout	ZL		50 // 0 *		Ω // PF

Note*. The standard definition is in JIS C 6703