



Features and Benefits

Center frequency: 1618MHz
I.L: 4.0dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

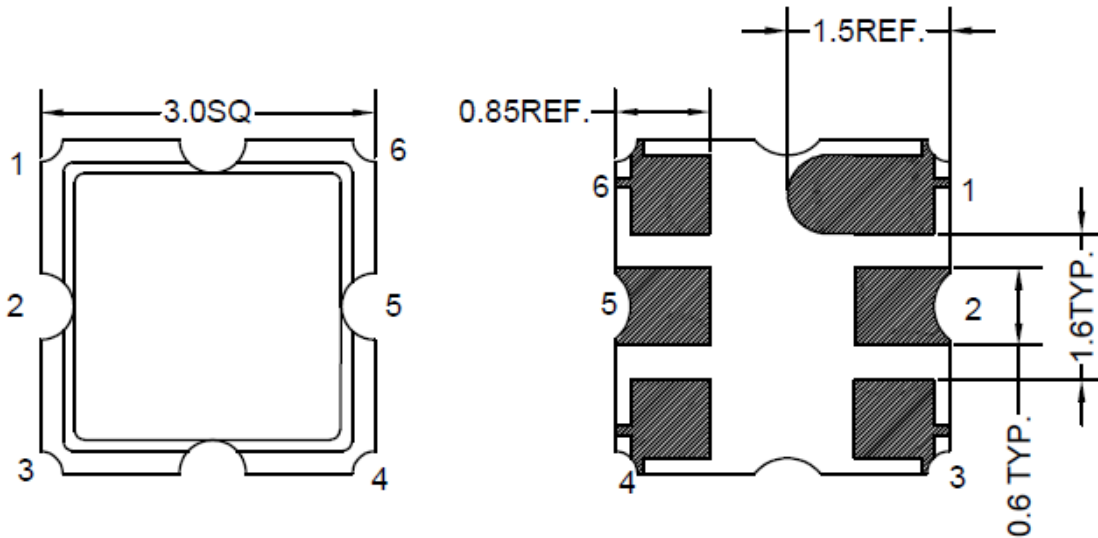


Typical Applications

IOT
Cellular
Telecom
4G/LTE
Wireless Communication
WLAN
Base Station
Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



PIN	Function
#2	INPUT
#5	OUTPUT
Others	GND

Unit in mm

1mm = 0.0394 inches

Not Specified Tolerance: ±0.2mm



Specifications

Parameter	Min.	Typical	Max.	Units
Center Frequency Fc		1618		MHz
Insertion Loss (1610~1627 MHz) IL		3.0	4.0	dB
Amplitude Ripple (1610~1627 MHz)		0.3	1.5	dB
VSWR (1610~1627 MHz)		1.4	2.0	
Attenuation (Reference level from 0 dB)				
10~950 MHz	50	52		dB
950~1250 MHz	45	48		dB
1250~1450 MHz	40	43		dB
1559~1580 MHz	33	36		dB
1750~2100 MHz	33	36		dB
2100~2500 MHz	25	29		dB
2500~3000 MHz	20	22		dB
Temperature Coefficient of Frequency		-36		ppm/°C
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-40		+85	°C
Moisture Sensitivity Level (MSL)	Level 1			