



Features and Benefits

Center frequency: 1700MHz
I.L: 5.0dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

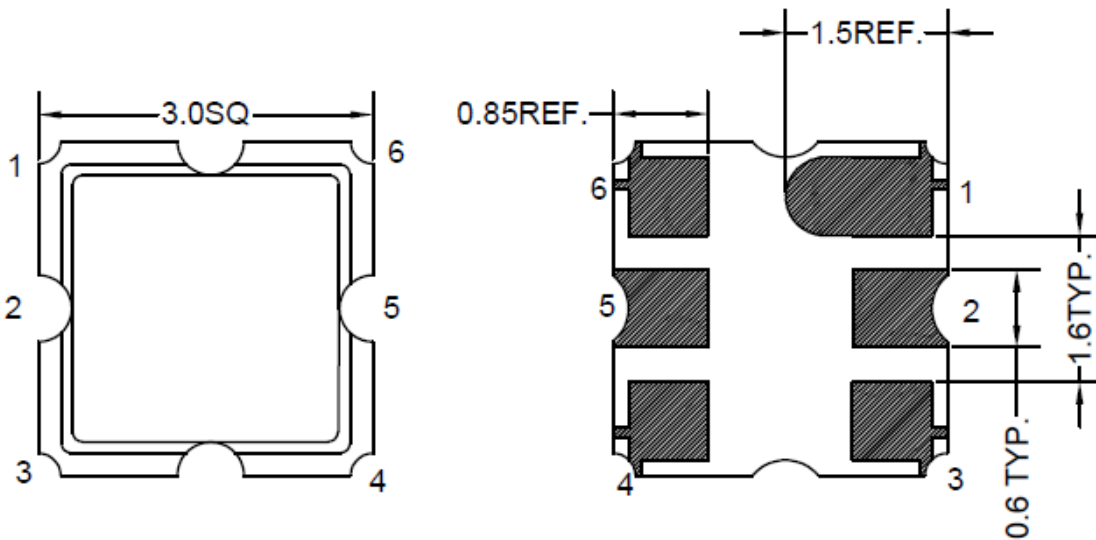


Typical Applications

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		1700		MHz
Insertion Loss (1685~1715 MHz) IL		4.3	5.0	dB
Amplitude Ripple (1685~1715 MHz)		2.0	2.5	dB
Group Delay (1685~1715 MHz)		10	25	ns
Attenuation (Reference level from 0 dB)				
100~1640 MHz	35	40		dB
1750~3000 MHz	35	40		dB
Temperature coefficient of frequency		-36		ppm/k
In/Out Impedance (Single)		50		ohm
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			