



Features and Benefits

Center frequency: 940.5MHz
I.L: 4.5dB Max.
Operating temperature: -20°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

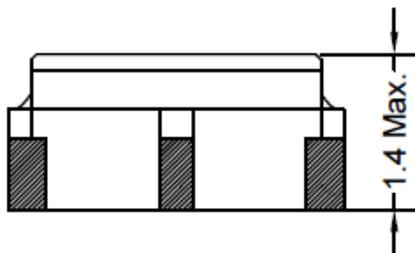
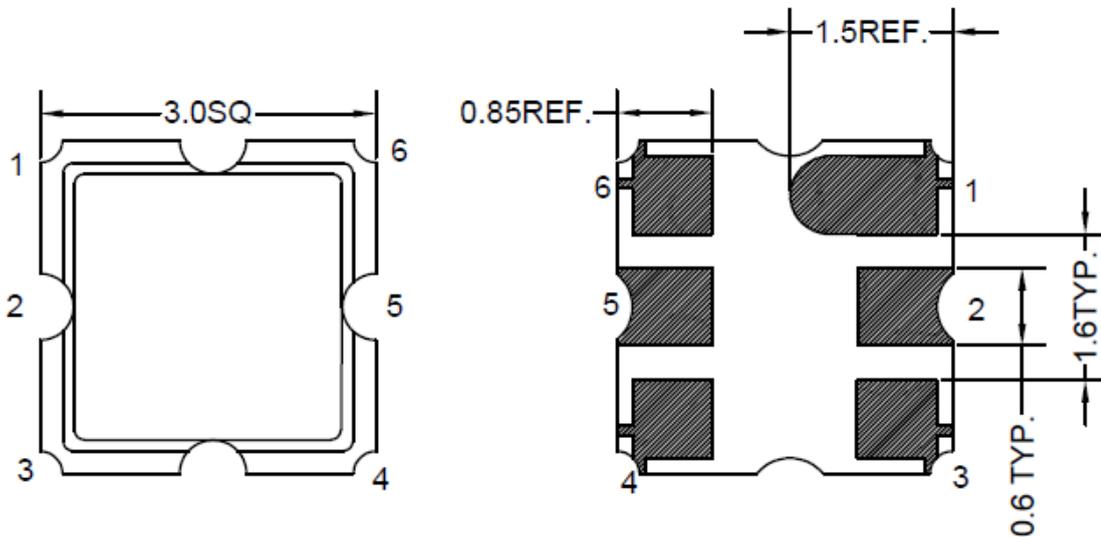


Typical Applications

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		940.5		MHz
Insertion Loss (921~960 MHz)	IL		3.0	4.5	dB
Amplitude Ripple (921~960 MHz)			1.5	2.9	dB
VSWR (921~960 MHz)			1.8	3.0	
Attenuation (Reference level from 0 dB)					
0 ~ 800	MHz	40	65		dB
800 ~ 878	MHz	35	56		dB
878 ~ 897	MHz	25	58		dB
982 ~ 1005	MHz	22	30		dB
1005 ~ 1035	MHz	29	41		dB
1035 ~ 1500	MHz	38	52		dB
1500 ~ 2300	MHz	30	51		dB
2300 ~ 3000	MHz	20	35		dB
Input Power Level			13		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+85	°C
Storage Temperature Range		-40		+85	°C
Source impedance (single ended)			50		Ω
Load impedance (single ended)			50		Ω

Note: No matching network required for operation at 50 Ω