



### Features and Benefits

Center frequency: 915MHz  
I.L: 4.0dB Max.  
Operating temperature: -40°C to +85°C  
Size: 3x3x1.4mm  
Package type: Surface Mount

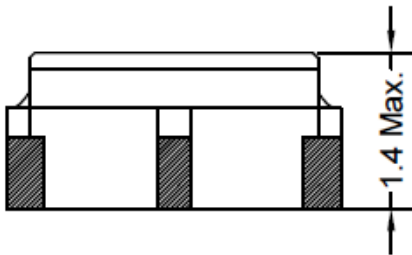
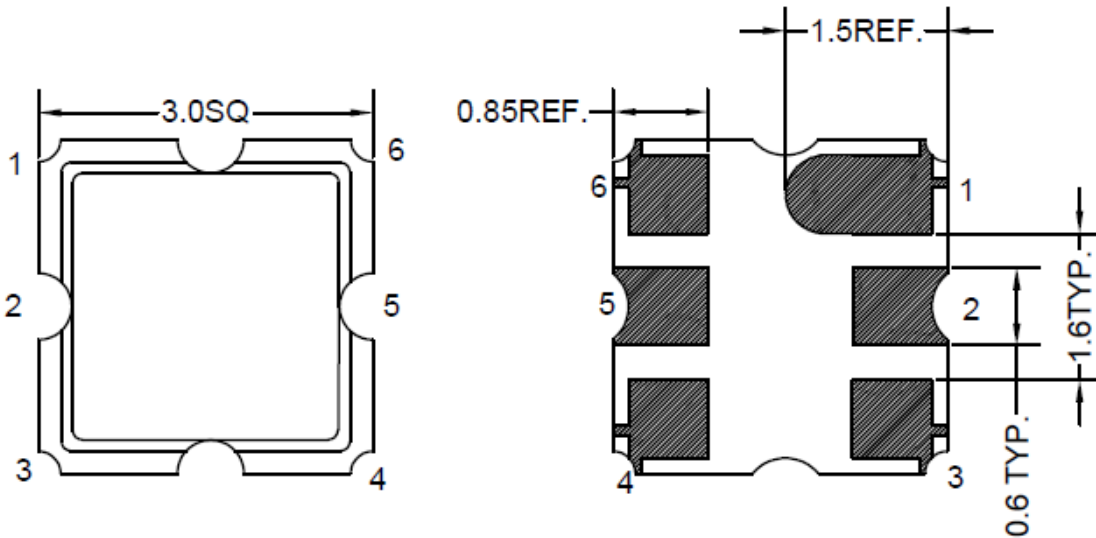


### Typical Applications

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		915		MHz
Insertion Loss (902~928 MHz)	IL		1.9	4.0	dB
Amplitude Ripper (902~928 MHz)			1.0	3.2	dB
VSWR (902~928 MHz)			1.8	2.2	
Attenuation (Reference level from 0 dB)					
10 ~ 800	MHz	35	37		dB
800 ~ 888	MHz	36	38		dB
888 ~ 890	MHz	24	31		dB
890 ~ 894	MHz	5	18		dB
940 ~ 941	MHz	27	47		dB
941 ~ 967	MHz	35	49		dB
967 ~ 1350	MHz	37	39		dB
1350 ~ 1600	MHz	35	42		dB
1600 ~ 2000	MHz	30	45		dB
2000 ~ 2500	MHz	28	35		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			15		dBm
DC Voltage			5		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+125	°C
Moisture Sensitivity Level		Level 1(MSL1)			