

## Dynamic Engineers Inc.

Website: <a href="http://www.DynamicEngineers.com">www.DynamicEngineers.com</a> Email: <a href="http://www.DynamicEngineers.com">Inquiry@DynamicEngineers.com</a>

#### **Features and Benefits**

Center frequency: 433.92MHz I.L: 2.9dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

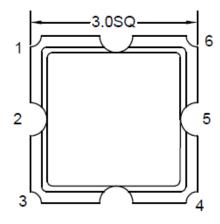


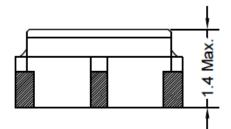
#### **Typical Applications**

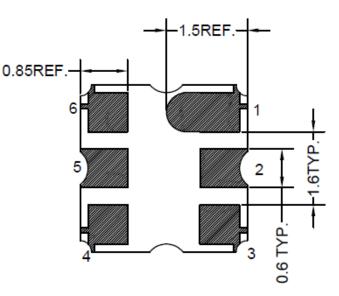
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

#### **Mechanical Drawing & Pin Connections**









	PIN	Function					
	#2	INPUT					
	#5	OUTPUT					
	Others	GND					
Unit in mm							
1mm = 0.0394 inches							
Not Specified Tolerance: ±0.2mm							

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### **Specifications**

Parameter	Min.	Typical	Max.	Units		
Center Frequency Fc		433.92		MHz		
Insertion Loss (433.12~434.72 MHz) IL		1.8	2.9	dB		
Amplitude Ripple (433.12~434.72 MHz)		0.4	1	dB		
VSWR (433.12~434.72 MHz)		1.6	2			
Attenuation (Reference level from 0 dB)						
10~380 MHz	58	61		dB		
380~423.42 MHz	46	50		dB		
443.42~453.42 MHz	25	30		dB		
453.42~460 MHz	35	40		dB		
460~700 MHz	50	54		dB		
700~1000 MHz	42	46		dB		
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		Level 1(MSL1)				

Note1. No matching network required for operation at 50ohm.

Note2. For SiO<sub>2</sub> coating.