

Dynamic Engineers Inc.

Website: www.DynamicEngineers.com Email: Inquiry@DynamicEngineers.com

Features and Benefits

Center frequency: 909.3MHz I.L: 3dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

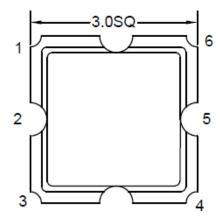


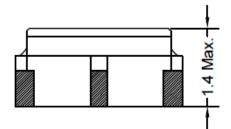
Typical Applications

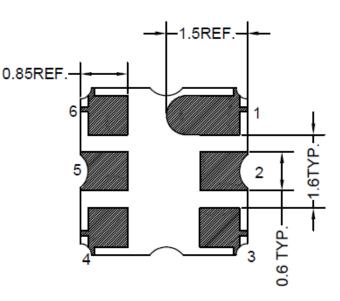
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

Mechanical Drawing & Pin Connections









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	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		909.3		MHz		
Insertion Loss (904.3~914.3 MHz)	IL		1.6	3	dB		
Amplitude Ripple (904.3~914.3 MHz)		0.5	1.8	dB			
VSWR (904.3~914.3 MHz)			1.3	2			
Attenuation (Reference level from 0 dB)							
310~875 MHz		33	41		dB		
940~1510 MHz		35	44		dB		
Temperature Coefficient of Frequency		-36		ppm/k			
Input Power Level			10		dBm		
DC Voltage			3		V		
Operating Temperature Range		-40		+85	°C		
Storage Temperature Range		-40		+85	°C		