

Dynamic Engineers Inc.

Website: <u>www.DynamicEngineers.com</u> Email: <u>Inquiry@DynamicEngineers.com</u>

Features and Benefits

Center frequency: 1581MHz I.L: 4dB Max. Operating temperature: -20°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount

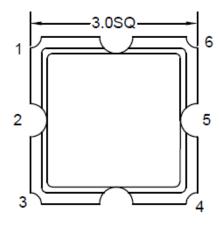


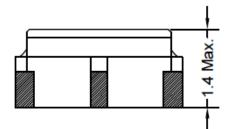
Typical Applications

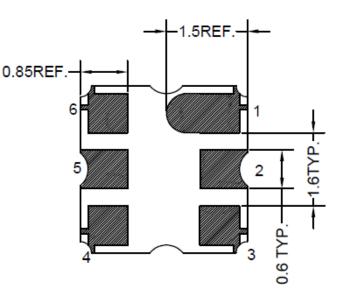
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

Mechanical Drawing & Pin Connections









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

Dynamic Engineers, Inc.

Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside; such as data tables and araphs without notification to potential customers who may have earlier revisions in their possession.



Dynamic Engineers Inc.

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

Specifications

Parameter		Min.	Typical	Max.	Units		
Center Frequency Fc			1581		MHz		
Insertion Loss (1560~1602 MHz)		2.6	4	dB			
Amplitude Ripple (1560~1602 MHz)		1.3	2.7	dB			
VSWR (1560~1602 MHz)		1.7	2.3				
Attenuation (Reference level from 0 dB)							
DC~600 MHz		30	36		dB		
600~1500 MHz		27	34		dB		
1500~1530 MHz		20	39		dB		
1630~1675 MHz		20	44		dB		
1675~3000 MHz		30	38		dB		
Temperature Coefficient of Frequenc		-36		ppm/k			
Input Power Level		20		dBm			
DC Voltage		3		V			
Operating Temperature Range	-20		+70	°C			
Storage Temperature Range	-40		+85	°C			
Moisture Sensitivity Level		Level 1(MSL1)					