

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 1199MHz I.L: 5.5dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

Typical Applications

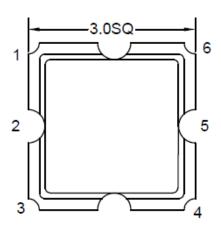
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

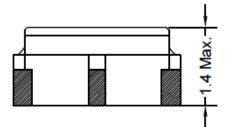
Mechanical Drawing & Pin Connections

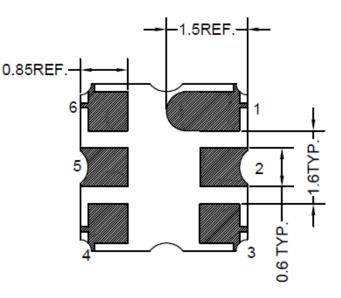


Drawing No:

MD240080-1







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

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Specifications

Parameter	Min.	Typical	Max.	Units		
Center Frequency Fc		1199		MHz		
Insertion Loss (1145~1253 MHz) IL		4.6	5.5	dB		
Pass Band Ripple (1145~1253 MHz)		2.7	3.5	dB		
Group Delay Variation (1145~1253 MHz)		15	30	ns		
Return Loss (1145~1253 MHz)	6	7.5		dB		
Attenuation (Reference level from 0 dB)						
300~1000 MHz	18	25		dB		
1293~2000 MHz	9	16		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)				