



Features and Benefits

Center frequency: 2725MHz
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

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		2725		MHz
Insertion Loss (2715~2735 MHz) IL		1.5	3	dB
Amplitude Ripple (2715~2735 MHz)		0.4	1.5	dB
VSWR (2715~2735 MHz)		1.3	2.1	
Attenuation (Reference level from 0 dB)				
10~2380 MHz	31	36		dB
2380~2420 MHz	34	46		dB
2520~2540 MHz	31	40		dB
3000~4500 MHz	28	34		dB
Temperature Coefficient of Frequency		-36		ppm/k
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)			