



Features and Benefits

Center frequency: 2700MHz
I.L: 3dB Max.
Operating temperature: -40°C to +80°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		2700		MHz
Insertion Loss (2696~2704 MHz)	IL		2	3	dB
Amplitude Ripple (2696~2704 MHz)			1	1.5	dB
VSWR (2696~2704 MHz)			1.5	2	
Attenuation (Reference level from 0 dB)					
10~2000	MHz	30	35		dB
2000~2500	MHz	35	40		dB
3000~4000	MHz	30	35		dB
4000~5000	MHz	15	20		dB
Temperature Coefficient of Frequency			-36		ppm/°C
In/Out Impedance (Single)			50		ohm
Input Power Level			13		dBm
DC Voltage			5		V
Operating Temperature Range		-40		+80	°C
Storage Temperature Range		-40		+85	°C
Moisture Sensitivity Level		Level 1(MSL1)			