



Features and Benefits

Center frequency: 1030MHz
I.L: 4dB 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		1030		MHz
Insertion Loss (1027~1033 MHz) IL		2.7	4	dB
Amplitude ripple (1027~1033 MHz)		1	2.2	dB
VSWR (1027~1033 MHz)		1.6	2.4	
Attenuation (Reference level from 0 dB)				
DC~910 MHz	45	50		dB
1046 MHz	5	34		dB
1090~1300 MHz	45	50		dB
Temperature coefficient of frequency		-36		ppm/°C
In/Out Impedance (Single)		50		ohm
Input Power Level		20		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-40		+85	°C