



Features and Benefits

Center frequency: 1675MHz
I.L: 4.2dB 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		1675		MHz
Insertion Loss (1625~1725 MHz)	IL		3.7	4.2	dB
Amplitude Ripple (1625~1725 MHz)			1.0	1.8	dB
VSWR (1625~1725 MHz)			1.7	2.4	
Attenuation (Reference level from 0 dB)					
50~1250	MHz	25	30		dB
1250~1540	MHz	20	31		dB
1820~3000	MHz	25	32		dB
Temperature coefficient of frequency			-80		ppm/k
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C