



Features and Benefits

Center frequency: 1055MHz
I.L: 4.2dB Max.
Operating temperature: -55°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: ± 0.2 mm



Specifications

Parameter	Min.	Typical	Max.	Units
Center Frequency Fc		1055		MHz
Insertion Loss (1033~1077 MHz) IL		3.8	4.2	dB
Amplitude Ripple (1033~1077 MHz)		0.7	1.5	dB
VSWR (1033~1077 MHz)		1.5	2.4	
Attenuation (Reference level from 0 dB)				
10 ~ 935 MHz	23	28		dB
1120 ~ 1160 MHz	10	17		dB
1220 ~ 1420 MHz	25	32		dB
Temperature Coefficient of Frequency		-80		ppm/°C
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-55		+85	°C
Storage Temperature Range	-55		+85	°C