



Features and Benefits

Center frequency: 978MHz

I.L: 2.5dB 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: $\pm 0.2\text{mm}$



Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		978		MHz
Insertion Loss	IL		2.0	2.5	dB
Amplitude Ripple (975~981MHz)			0.2	1.0	dB
Return Loss (975~981MHz)		9.0	10.5		dB
Attenuation (Reference level from 0 dB)					
10 ~ 920	MHz	30	51		dB
1035 ~ 1660	MHz	30	46		dB
1660 ~ 2060	MHz	25	54		dB
2060 ~ 3000	MHz	15	32		dB
Input Power Level			15		dBm
DC Voltage			5		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C