



Features and Benefits

Center frequency: 950.75MHz

I.L: 3.5dB 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		950.75		MHz
Insertion Loss (941.5~960 MHz)	IL		2.25	3.5	dB
Amplitude Ripple (941.5~960 MHz)			1.12	2.2	dB
VSWR (941.5~960 MHz)			1.76	2.0	
Group Delay at Fc			33.6	45	ns
Group Delay Ripple (941.5~960 MHz)			28.09	60	ns
Attenuation (Reference level from 0 dB)					
355 ~ 917	MHz	33	40		dB
985 ~ 1555	MHz	35	45		dB
Temperature Coefficient of Frequency			-36		ppm/K
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C
Moisture Sensitivity Level		Level 1 (MSL1)			