



Features and Benefits

Center frequency: 881.5MHz

I.L: 3.0dB Max.

Operating temperature: -30°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		881.5		MHz
Insertion Loss (869~894 MHz)	IL		2.3	3.0	dB
Amplitude Ripple (869~894 MHz)			0.8	1.5	dB
VSWR (869~894 MHz)			1.9	2.3	
Attenuation (Reference level from 0 dB)					
D.C. ~ 824	MHz	40	54		dB
824 ~ 849	MHz	35	46		dB
849 ~ 874	MHz	35	66		dB
874 ~ 899	MHz	40	70		dB
899 ~ 924	MHz	30	62		dB
924 ~ 949	MHz	25	48		dB
949 ~ 974	MHz	20	30		dB
974 ~ 1000	MHz				dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-30		+85	°C
Storage Temperature Range		-40		+85	°C
Source impedance (single ended)			50		Ω
Load impedance (single ended)			50		Ω

Note: No matching network required for operation at 50 Ω