



Features and Benefits

Center frequency: 1230MHz
I.L: 3.8dB 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		1230		MHz
Insertion Loss (1220~1260 MHz)	IL		2.8	3.8	dB
Insertion Loss (1170~1290 MHz)	IL		5.3	6.4	dB
Pass Band Ripple (1170~1290 MHz)			3.2	4.4	dB
Attenuation (Reference level from 0 dB)					
100~1000	MHz	22	27		dB
1360~2500	MHz	22	29		dB
Temperature Coefficient of Frequency			-80		ppm/°C
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C