



Features and Benefits

Center frequency: 1227.6MHz
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: ±0.2mm



Specifications

Parameter	Min.	Typical	Max.	Units
Center Frequency Fc		1227.6		MHz
Insertion Loss (1226.4~1228.8 MHz) IL		2.5	3.5	dB
Amplitude Ripple (1226.4~1228.8 MHz)		0.3	1.6	dB
Group Delay at Fc		13	50	ns
Group Delay Variation (1226.4~1228.8 MHz)		8	50	ns
VSWR (1226.4~1228.8 MHz)		1.5	2.4	
Attenuation (Reference level from 0 dB)				
10~1152 MHz	45	58		dB
1182 MHz	40	55		dB
1201 MHz	20	42		dB
1254.2 MHz	20	62		dB
1273.2 MHz	40	73		dB
1303.2~3500 MHz	33	42		dB
Temperature Coefficient of Frequency		-36		ppm/°C
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-40		+85	°C