



Features and Benefits

Center frequency: 1237.5MHz
I.L: 4dB Max.
Operating temperature: -30°C to +80°C
Size: 3x3x1.4mm
Package type: Surface Mount

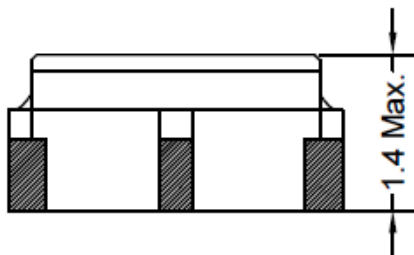


Typical Applications

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		1237.5		MHz
Insertion Loss (1225.5~1249.5 MHz)	IL		2.8	4	dB
Amplitude Ripple (1225.5~1249.5 MHz)			0.8	1.7	dB
Return Loss (1225.5~1249.5 MHz)		9	11		dB
Group Delay Ripple (1225.5~1249.5 MHz)			9	20	ns
Attenuation (Reference level from 0 dB)					
100~1150	MHz	40	52		dB
1350~2500	MHz	40	45		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-30		+80	°C
Storage Temperature Range		-40		+85	°C