



Features and Benefits

Center frequency: 1489MHz
I.L: 4dB Max.
Operating temperature: 0°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

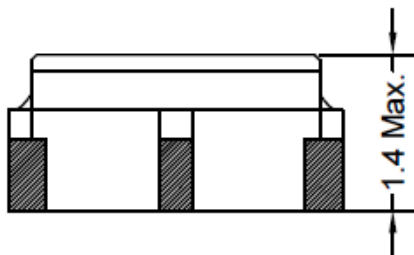


Typical Applications

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		1489		MHz
Insertion Loss (1486.5~1491.5 MHz)	IL		2.75	4	dB
Insertion Loss at Center Frequency	ILc		2.7	3.4	dB
Amplitude Ripple (1486.5~1491.5 MHz)			0.1	1	dB
Bandwidth @ -1 dB		5	39		MHz
VSWR (1486.5~1491.5 MHz)			1.5	2	
Attenuation (Reference level from 0 dB)					
DC~100	MHz	60	80		dB
100~1395	MHz	40	46		dB
1395~1401	MHz	30	46		dB
1577~1583	MHz	30	49		dB
2884~3072	MHz	40	42		dB
4373~4561	MHz	6	14		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		0		+85	°C
Storage Temperature Range		-40		+85	°C