



Features and Benefits

Center frequency: 1586MHz
I.L: 3.8dB Max.
Operating temperature: -20°C to +70°C
Size: 3x3x1.4mm
Package type: Surface Mount

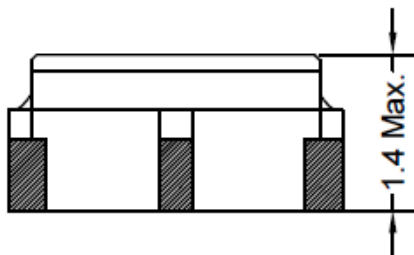


Typical Applications

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		1586		MHz
Insertion Loss (1565~1607 MHz)	IL		1.2	3.8	dB
Amplitude Ripple (1565~1607 MHz)			0.9	2.5	dB
VSWR (1565~1607 MHz)			1.8	2.3	
Attenuation (Reference level from 0 dB)					
DC~600	MHz	30	38		dB
600~1500	MHz	27	37		dB
1500~1530	MHz	20	38		dB
1630~1675	MHz	20	41		dB
1675~3000	MHz	30	31		dB
In/Out Impedance (Single)			50		ohm
Input Power Level			20		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+70	°C
Storage Temperature Range		-40		+85	°C