



Features and Benefits

Center frequency: 289MHz
I.L: 2.4dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

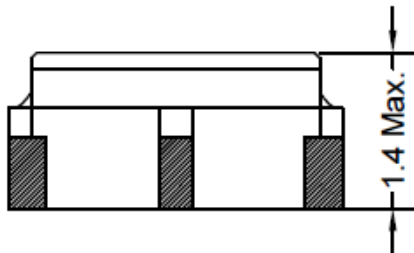


Typical Applications

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		289		MHz
Insertion Loss (288.5~289.5 MHz)	IL		1.7	2.4	dB
Amplitude Ripple (288.5~289.5 MHz)			0.2	1.2	dB
VSWR (288.5~289.5 MHz)			1.2	1.8	
Attenuation (Reference level from 0 dB)					
239~269	MHz	55	63		dB
269~279	MHz	44	48		dB
279~282	MHz	35	38		dB
310~324	MHz	40	43		dB
324~339	MHz	50	54		dB
Temperature Coefficient of Frequency			-36		ppm/k
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C