



Features and Benefits

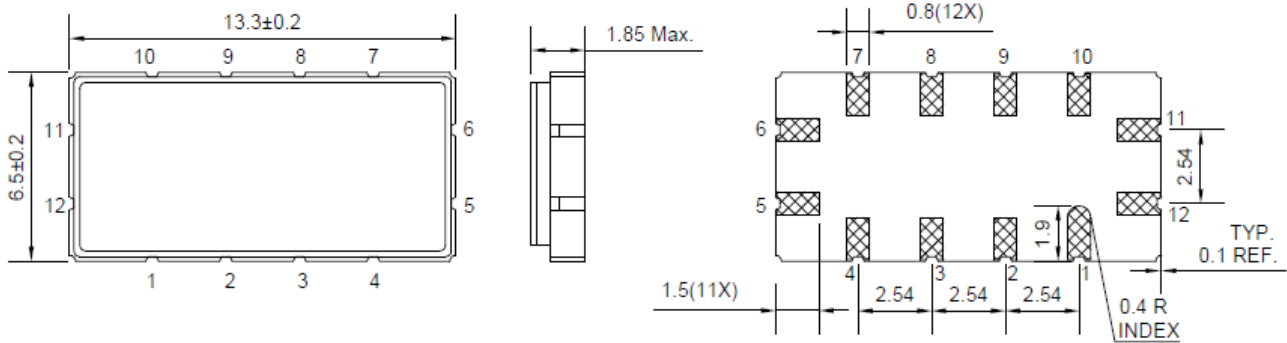
Center frequency: 63MHz
I.L: 11dB Max.
Operating temperature: -40°C to +85°C
Size: 13.3x6.5x1.85mm
Package type: Surface Mount

Typical Applications

IOT
Cellular
Telecom
4G/LTE
Wireless Communication
WLAN
Base Station
Radar

Mechanical Drawing & Pin Connections

Drawing No: MD230005-1



PIN #	Function
11	RF Input
5	RF Output
12	Ground
6	Ground
1,2,3,4,7,8,9,10	Ground

Unit in mm
1mm = 0.0394 inches



Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		63		MHz
Insertion Loss	IL		8.5	11	dB
Pass Band Ripple (Fc±110KHz)			0.5	1	dB
Pass Band Ripple (Fc±125KHz)			0.8	2	dB
1dB Bandwidth			0.25		MHz
2dB Bandwidth		0.25	0.35		MHz
Group Delay Variation (Fc±125KHz)			450		ns
Attenuation:(Reference level from MinIL)					
Fo +/- 500KHz		15	24		dB
Fo +/- 1MHz		40	45		dB
Temperature Coefficient			-0.036		ppm/°C ²
Terminating load/ source impedance			50		ohm
Input Power Level				10	dBm
DC Voltage				5	V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C
Moisture Sensitive Level (MSL)		Level 1			

Electrostatic Sensitive Device (ESD)

Lead Free

RoHS Compliant