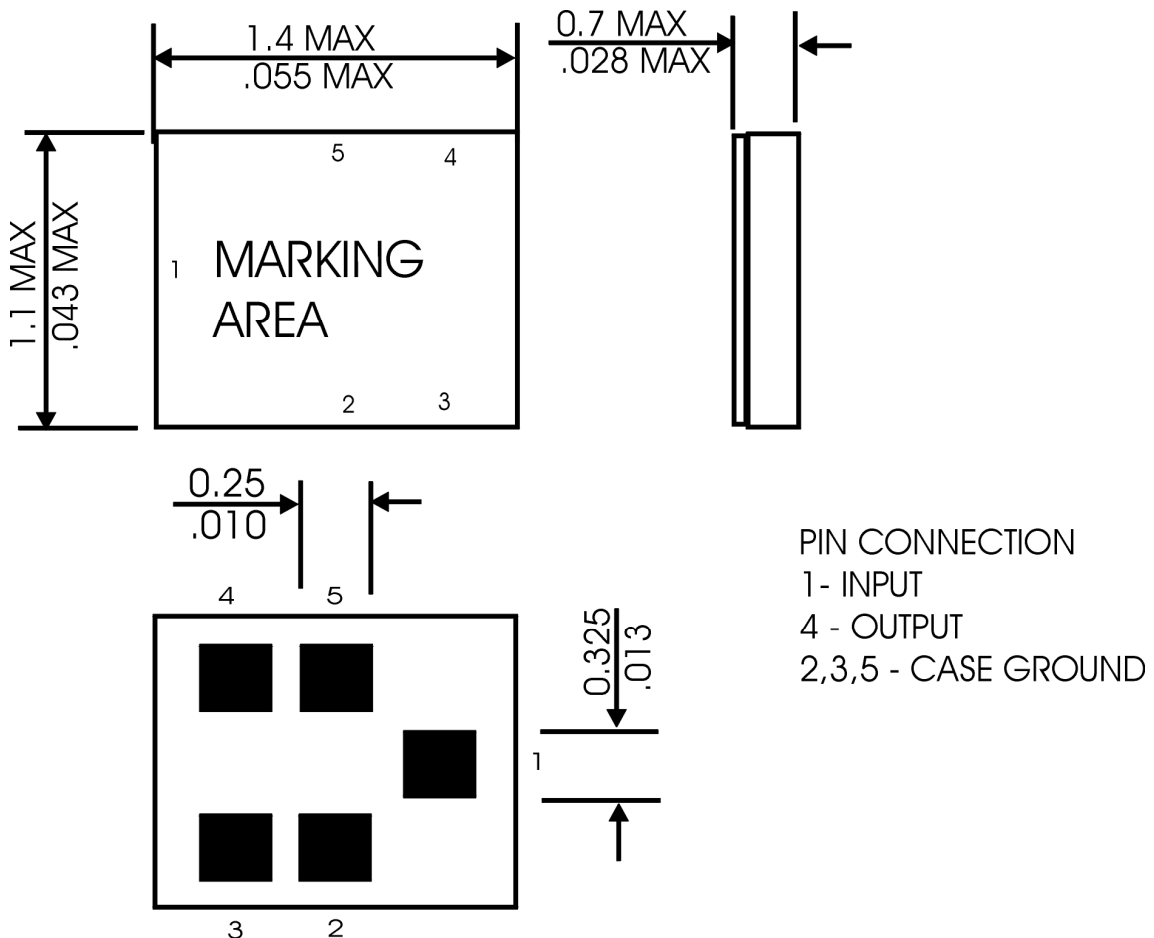


Parameters		Specification	Unit
Center frequency (Fo)		920.000	MHz
Bandwidth		915.000 ~ 925.000	MHz
Insertion Loss in BW, over temp range Typ/ Max		3.2 / 3.8	dB
Amplitude Ripple in BW, over temp range Typ/ Max		0.4 / 1.0	dB
Relative Attenuation, over temp range Min / Typ	DC ~ 700 MHz	30 / 50	dB
	700 MHz ~ 880 MHz	30 / 48	dB
	880 MHz ~ 894 MHz	25 / 46	dB
	935 MHz ~ 945 MHz	15 / 16	dB
	945 MHz ~ 960 MHz	25 / 31	dB
	960 MHz ~ 2000 MHz	30 / 50	dB
	2000 MHz ~ 3000 MHz	30 / 50	dB
VSWR, Typ / Max		1.6 / 2.0	---
Input Power, Max		15	dBm
In/Out Impedance		50	$\Omega$
Operating temperature range		-40 to +85	$^{\circ}\text{C}$
Storage Temperature		-40 to +85	$^{\circ}\text{C}$

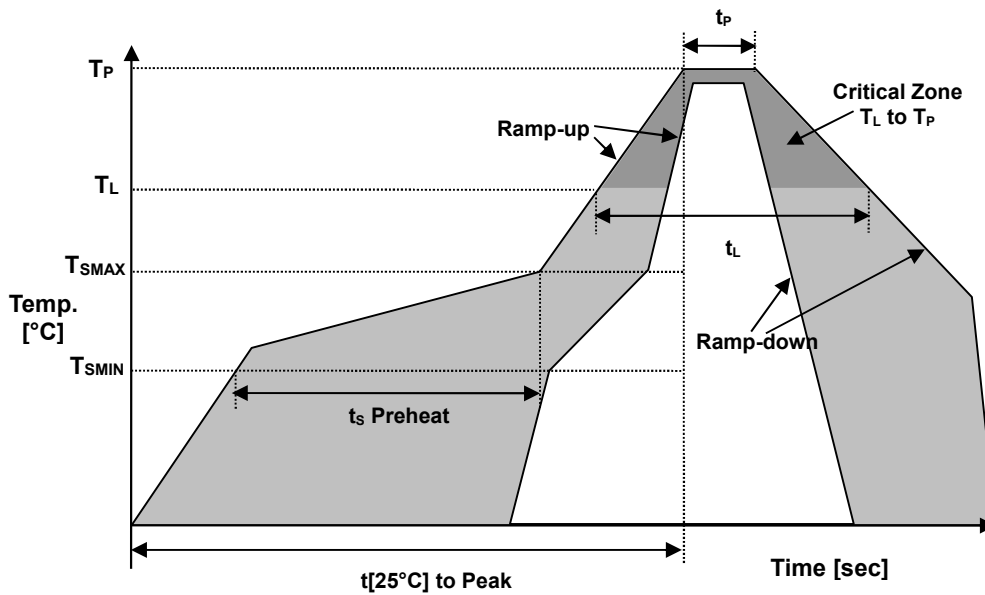
### Dimension



### Frequency Characteristics



- REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	T <sub>SMIN</sub>	150°C
Temperature Max Preheat	T <sub>SMAX</sub>	200°C
Time (T <sub>SMIN</sub> to T <sub>SMAX</sub> )	t <sub>S</sub>	60-180 sec.
Temperature	T <sub>L</sub>	217°C
Peak Temperature	T <sub>P</sub>	260°C
Ramp-up rate	R <sub>UP</sub>	3°C/sec max.
Ramp-down rate	R <sub>DOWN</sub>	6°C/sec max.
Time within 5°C of Peak Temperature	t <sub>P</sub>	10 sec.
Time t[25°C] to Peak Temperature	t[25°C] to Peak	480 sec.
Time	t <sub>L</sub>	60-150 sec.

## Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016