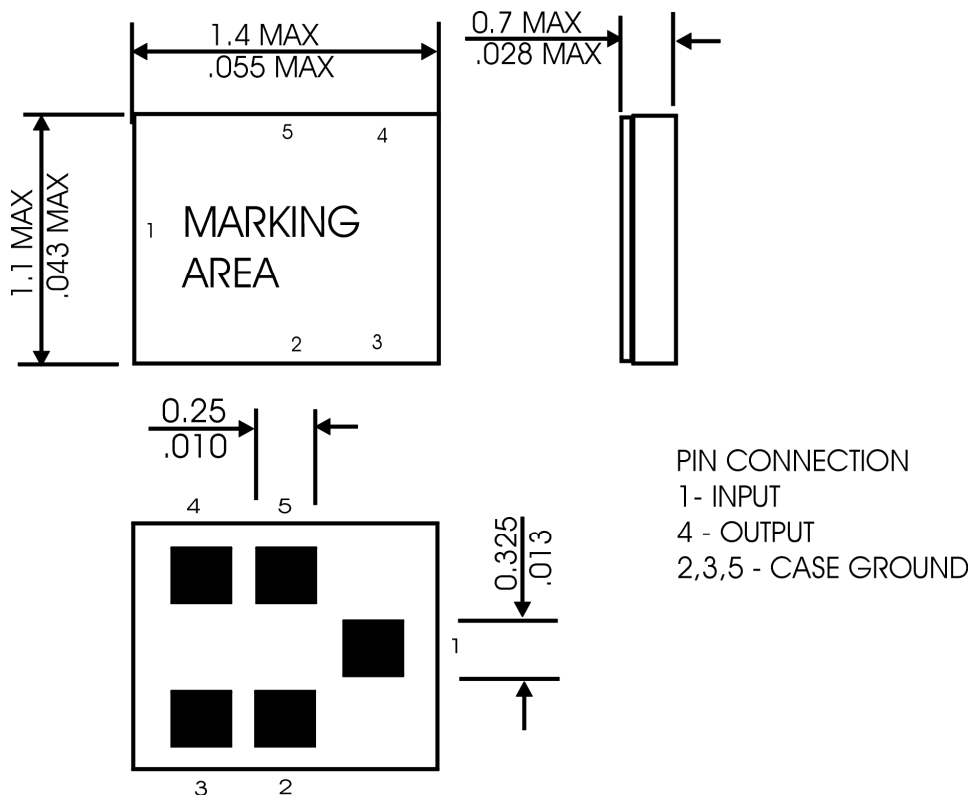
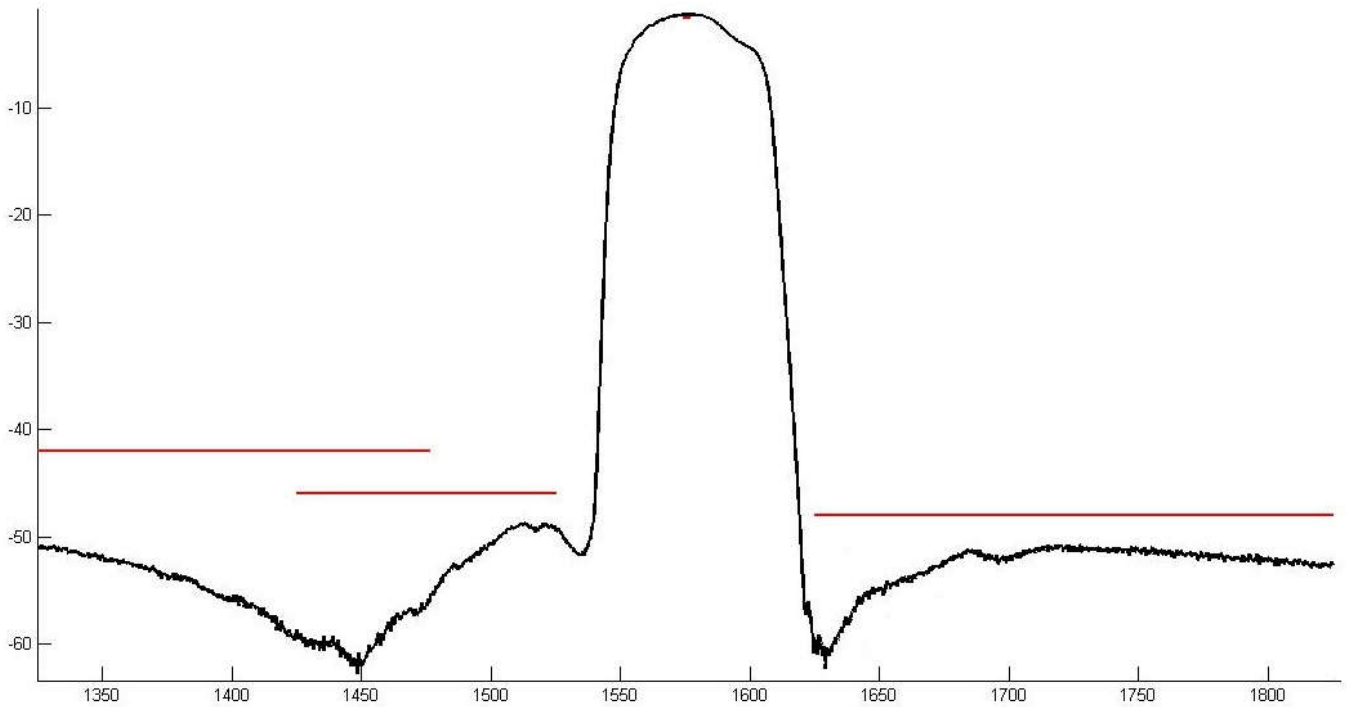


Items	Specification	Unit
Center frequency (Fo)	1575.420	MHz
Bandwidth	2400	kHz
Insertion Loss in BW, typ/max	1.3 / 1.6	dB
Amplitude Ripple in BW, typ/max	0.1 / 0.5	dB
VSWR in BW, typ/max	1.2 / 1.6	--
Relative Attenuation, min/typ	DC ~ 1476 MHz	-42 / -45
	1425 MHz ~ 1525 MHz	-46 / -50
	1625 MHz ~ 1725 MHz	-48 / -52
	1725 MHz ~ 1850 MHz	-48 / -52
	1850 MHz ~ 2000 MHz	-48 / -50
	2000 MHz ~ 3000 MHz	-38 / -40
Input Power, max	10	dBm
DC Voltage	10	V
In/Out Impedance	50	Ω
Operation Temperature	-40 to +85	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$

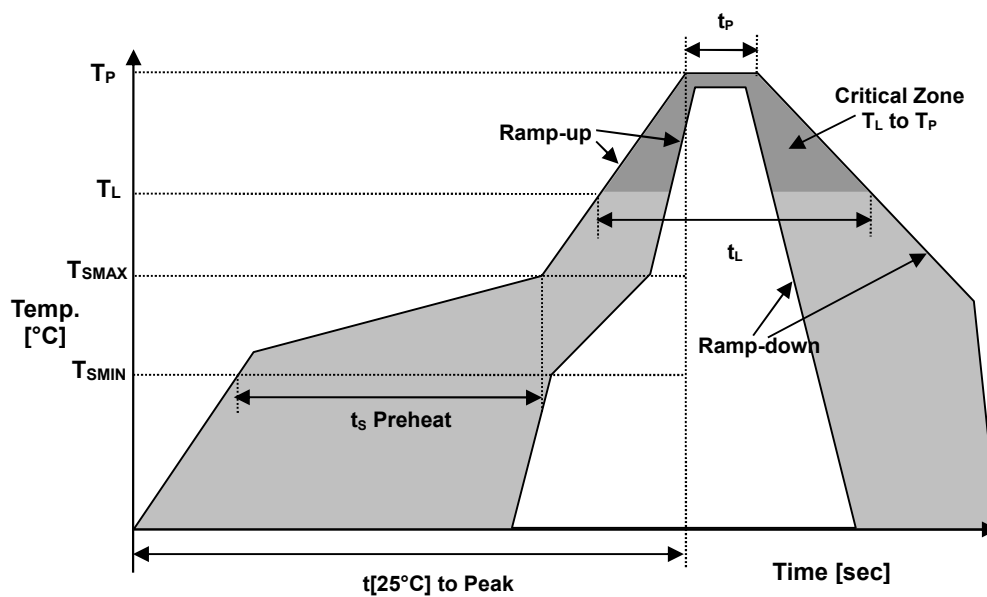
Dimension



Frequency Characteristics



REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	T _{SMIN}	150°C
Temperature Max Preheat	T _{SMAX}	200°C
Time (T _{SMIN} to T _{SMAX})	t _S	60-180 sec.
Temperature	T _L	217°C
Peak Temperature	T _P	260°C
Ramp-up rate	R _{UP}	3°C/sec max.
Ramp-down rate	R _{DOWN}	6°C/sec max.
Time within 5°C of Peak Temperature	t _P	10 sec.
Time t[25°C] to Peak Temperature	t[25°C] to Peak	480 sec.
Time	t _L	60-150 sec.

Environmental

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

April 2016