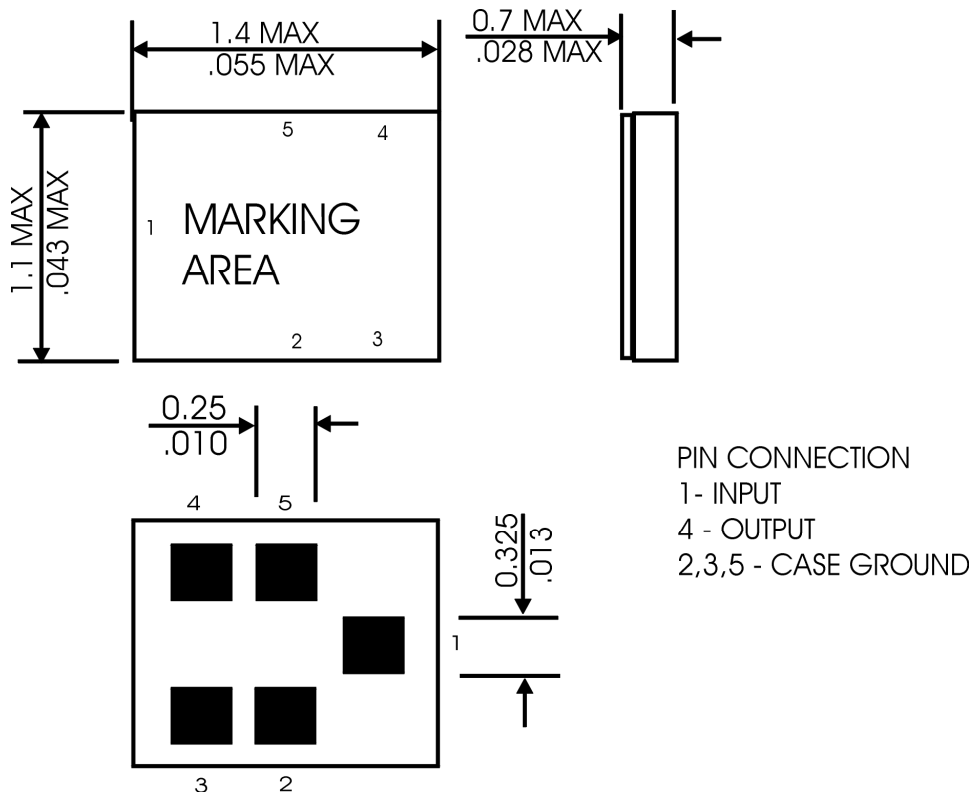
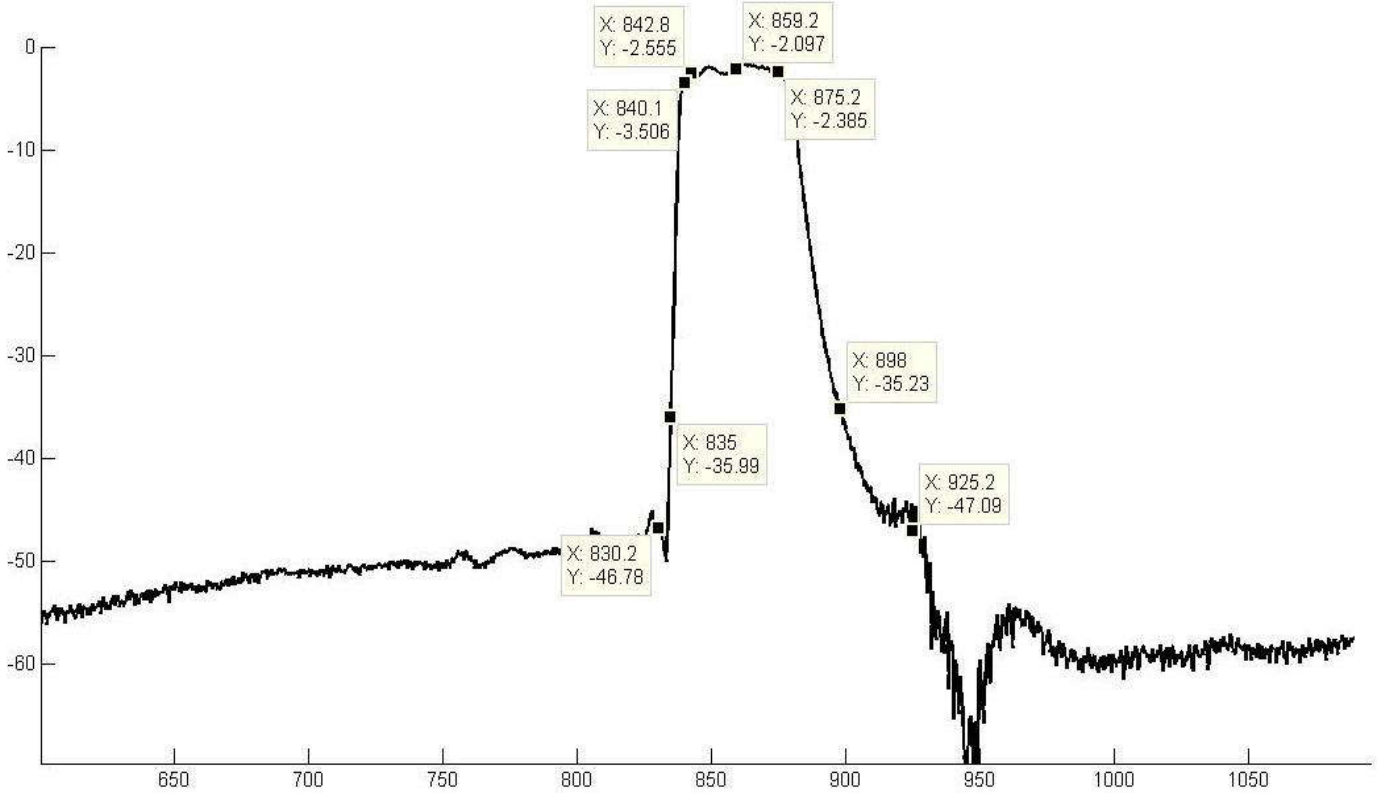


Items	Specification	Unit
Center frequency (Fo)	859.000	MHz
Bandwidth	32000	kHz
Insertion Loss in BW, typ/max	2.4 / 3.2	dB
Amplitude Ripple in BW, typ/max	0.7 / 1.8	dB
Attenuation min/typ	0.3 MHz ~ 824 MHz	-45 / -50
	824 MHz ~ 830 MHz	-43 / -45
	830 MHz ~ 835 MHz	-10 / -35
	835 MHz ~ 840 MHz	-2 / -3.5
	898 MHz ~ 925 MHz	-30 / -35
	925 MHz ~ 1980 MHz	-40 / -47
	1980 MHz ~ 3000 MHz	-32 / -55
	3000 MHz ~ 4000 MHz	-32 / -45
Input Power, max	15	dBm
In/Out Impedance	50	$\Omega$
Operation Temperature	-40 to +85	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$

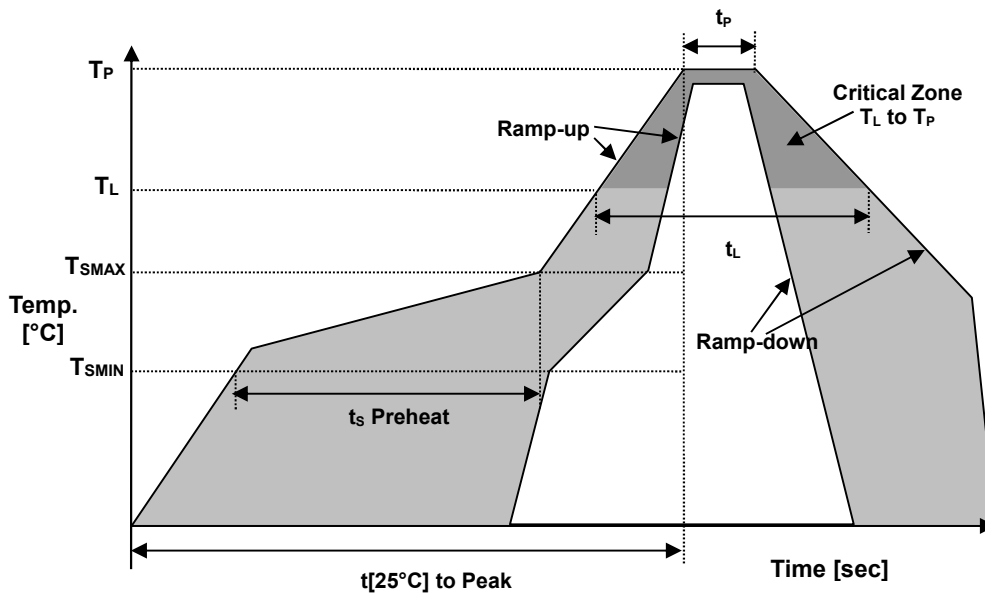
### Dimension



**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