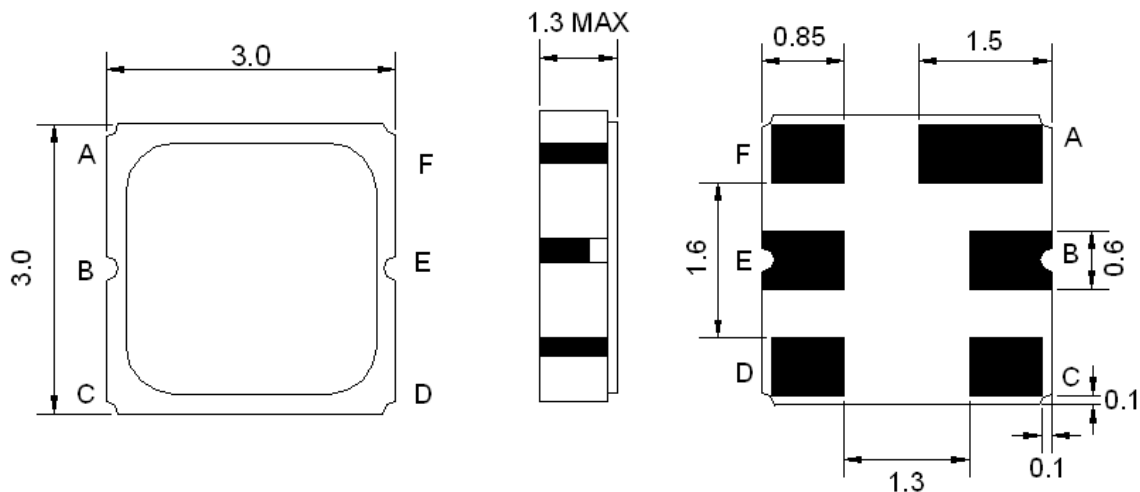


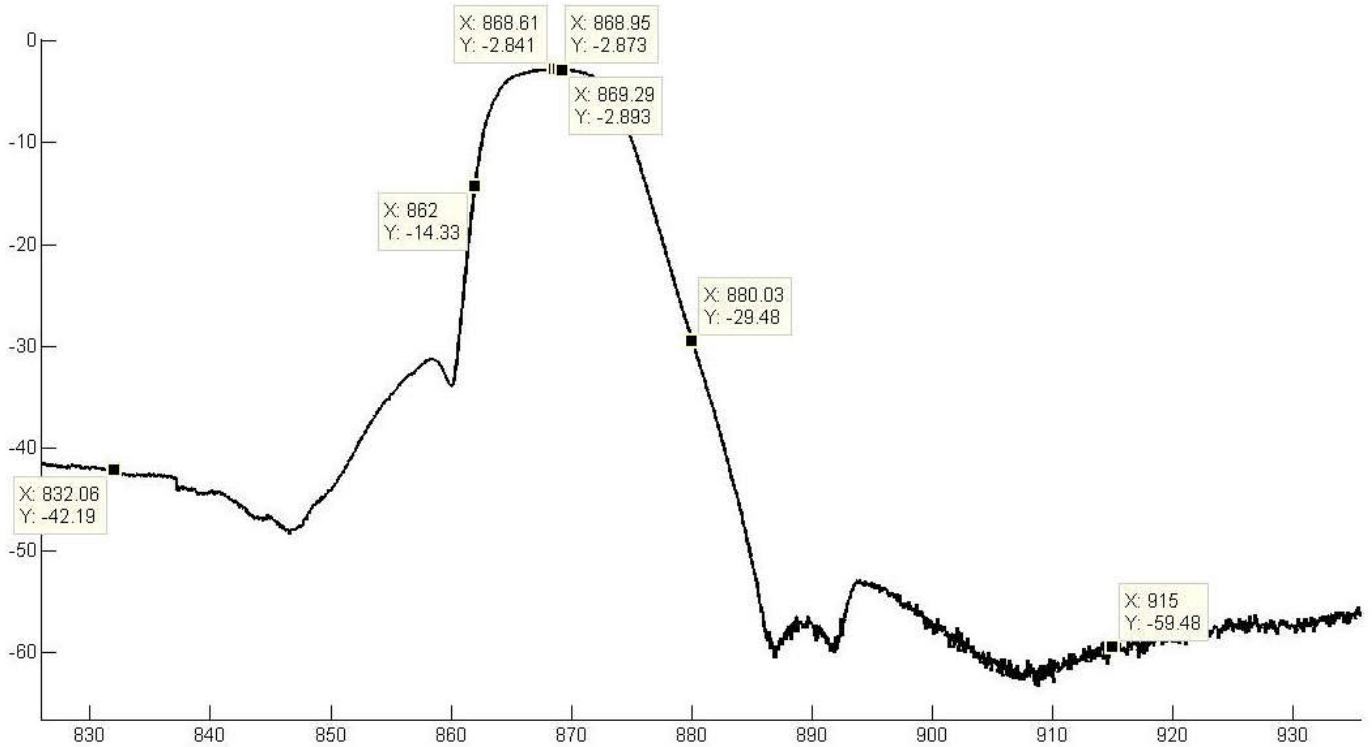
Items	Specification	Unit
Center frequency(Fo)	868.950	MHz
Insertion Loss (868.65~869.25MHz), typ/max	2.8 / 3.2	dB
Amplitude Ripple (868.65~869.25MHz), typ/max	0.3 / 0.8	dB
VSWR (868.65~869.25MHz)	1.3 / 1.8	-
Attenuation, min/typ	50 ~ 791 MHz	-32 / -40
	791 ~ 832 MHz	-35 / -40
	832 ~ 862 MHz	- / -15
	880 ~ 890 MHz	-26 / -30
	890 ~ 915 MHz	-40 / -50
	915 ~ 1000 MHz	-40 / -55
In/Out Impedance	50	$\Omega$
Input power, max	15	dBm
Operating Temperature Range	-40 to +85	$^{\circ}\text{C}$
Storage Temperature Range	-40 to +85	$^{\circ}\text{C}$

## Dimension

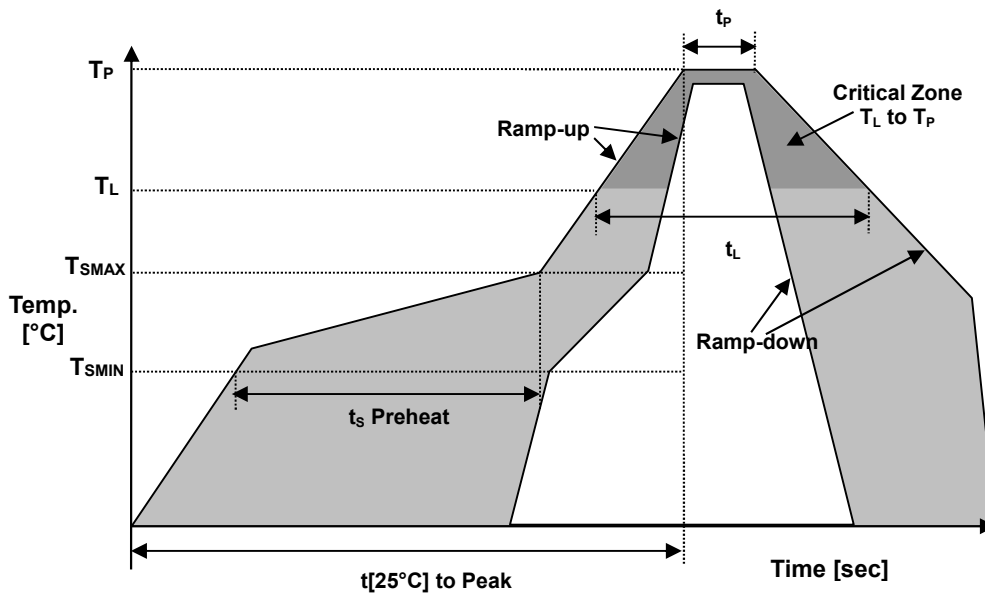


Pin Description	
A, C, D, F	Ground
B	In
E	Out

**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