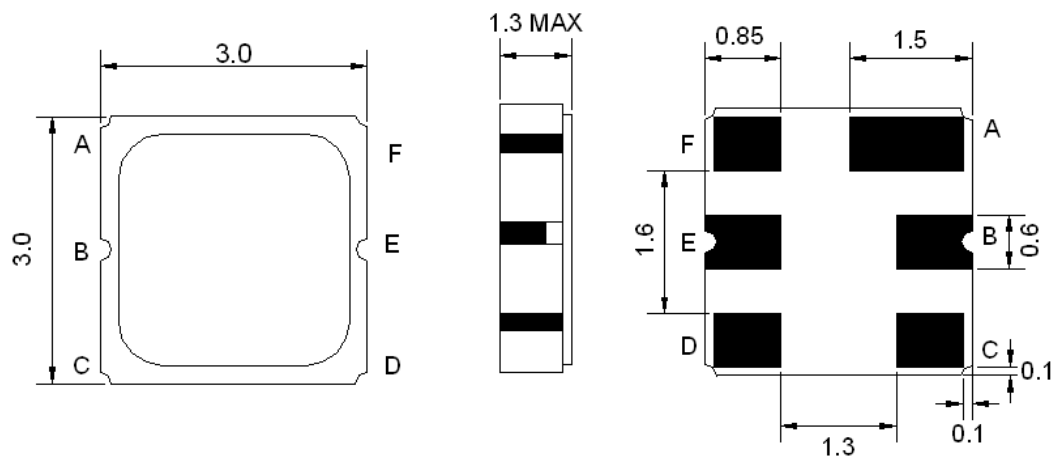


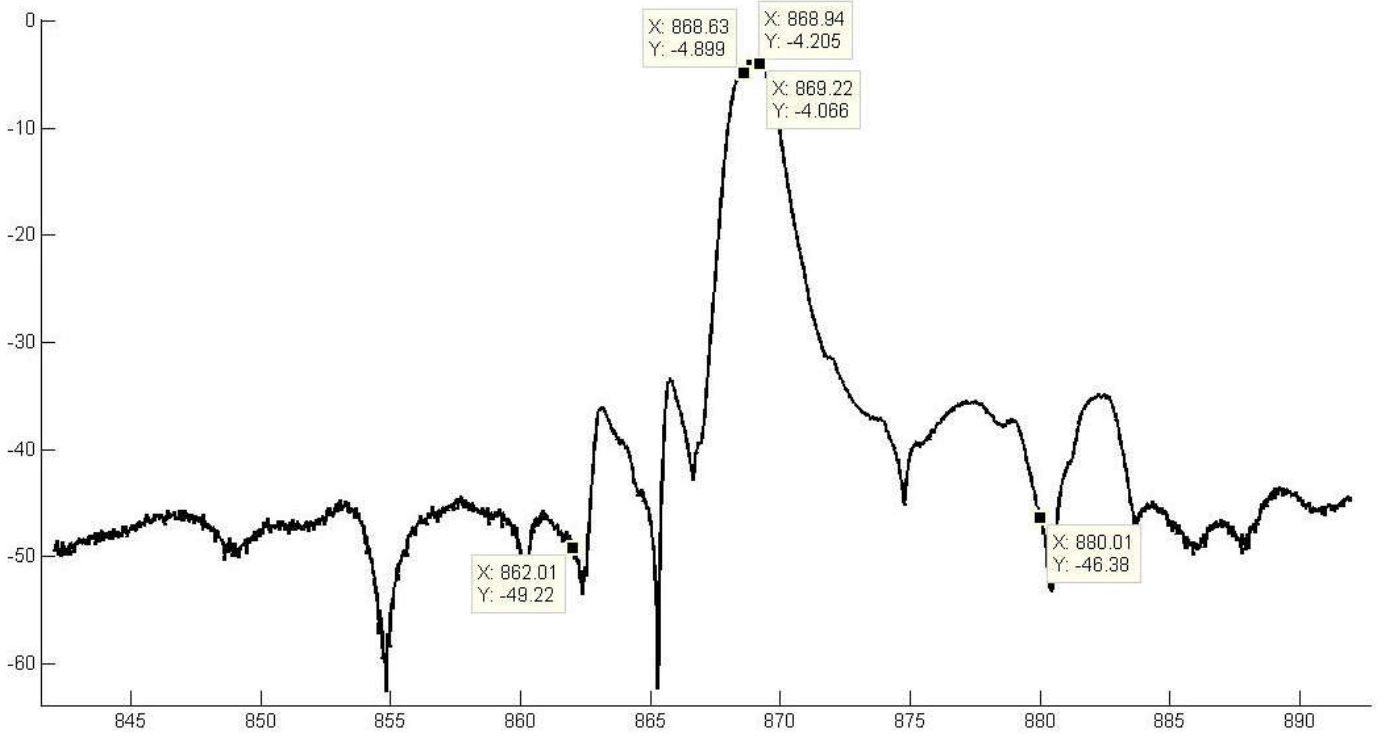
Items	Specification	Unit
Center frequency(Fo)	868.950	MHz
Insertion Loss (868.65~869.25MHz), typ/max	4.5 / 5.0	dB
Amplitude Ripple (868.65~869.25MHz), typ/max	0.5 / 1.0	dB
VSWR (868.65~869.25MHz)	1.3 / 1.8	-
Attenuation, min/typ	50 ~ 791 MHz	-40 / -50
	791 ~ 832 MHz	-40 / -50
	832 ~ 862 MHz	-35 / -40
	880 ~ 915 MHz	-30 / -35
	915 ~ 1000 MHz	-40 / -50
In/Out Impedance	50	Ω
Input power, max	15	dBm
Operating Temperature Range	-40 to +85	$^{\circ}\text{C}$
Storage Temperature Range	-40 to +85	$^{\circ}\text{C}$

Dimension

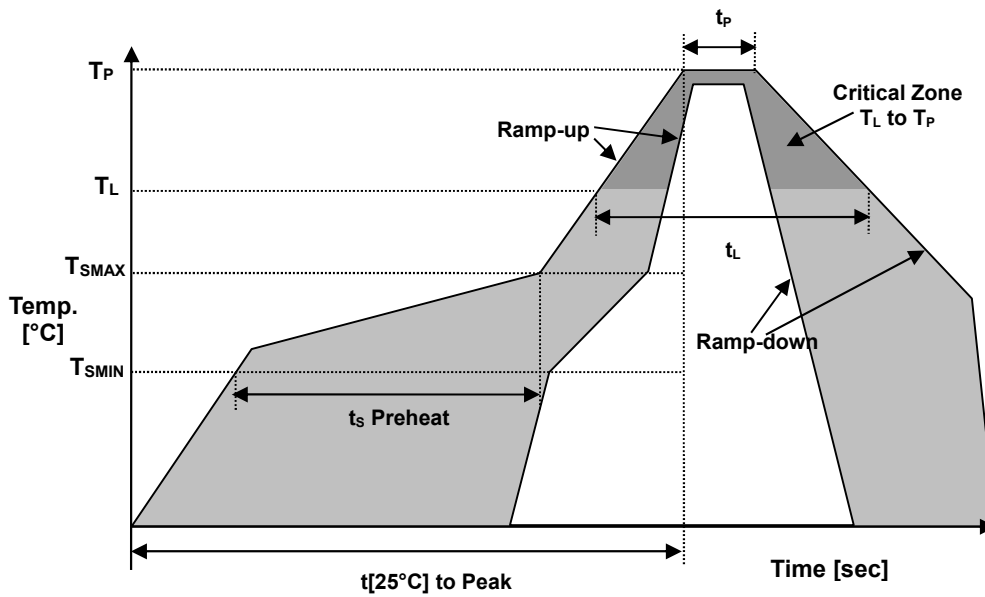


Pin Description	
A, C, D, F	Ground
B	In
E	Out

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