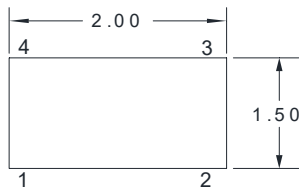


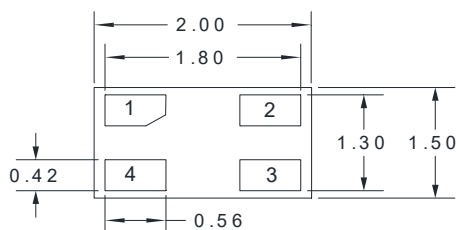
Parameters	Specification	Unit
Center frequency (Fo)	862.000	MHz
Bandwidth	14000	kHz
Insertion Loss in BW, typ/max	1.5 / 3.0	dB
Attenuation, Min/typ	820 MHz ~ 822 MHz	-35 / -40
	840 MHz ~ 842 MHz	-30 / -50
	882 MHz ~ 884 MHz	-30 / -45
	902 MHz ~ 904 MHz	-35 / -40
Input Power, Max	10	dBm
Voltage	10	V
In/Out Impedance	50	Ω
Operating temperature range	-40 to +85	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$

Dimension

TOP VIEW

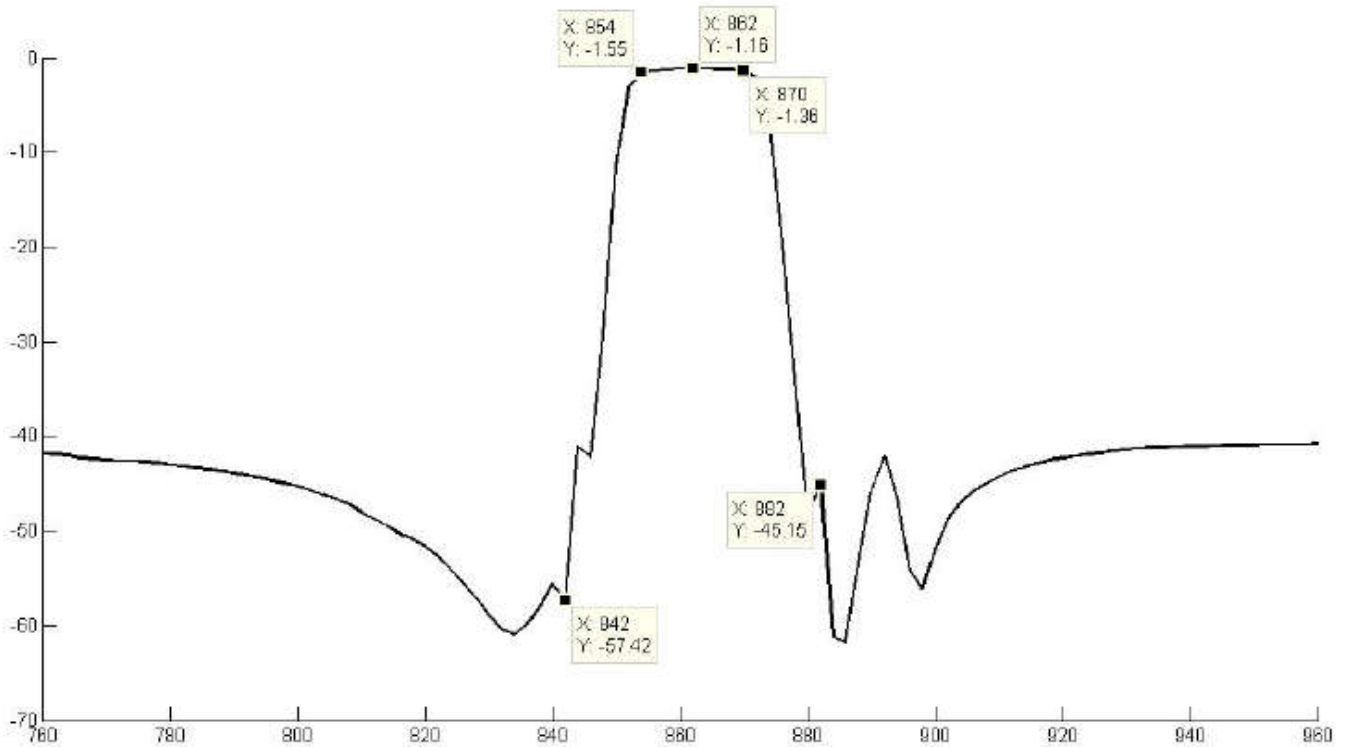


BOTTOM VIEW

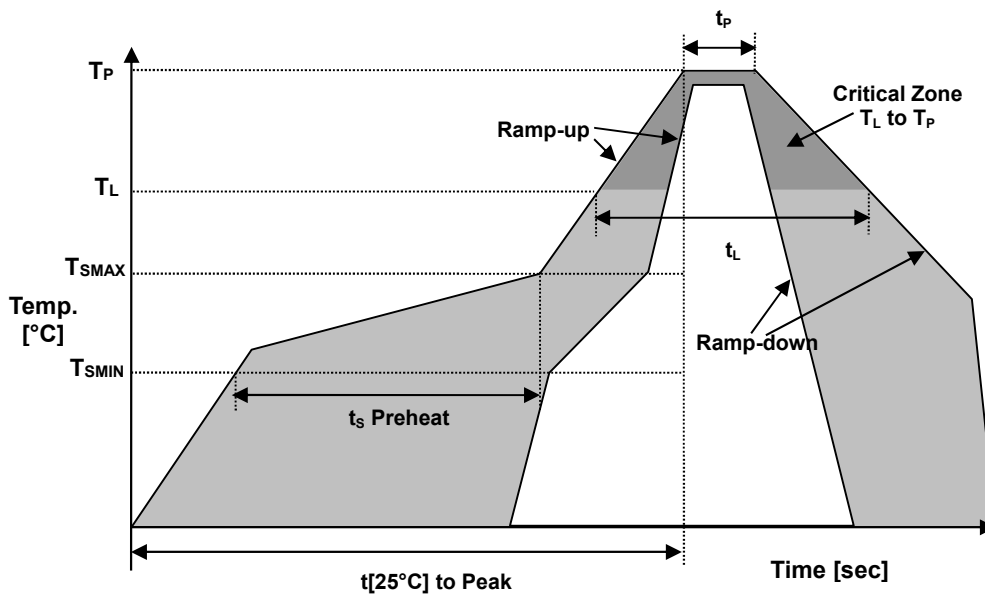


Pin Number	Function
1	Input
2	GND
3	Output
4	GND

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
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS 2	6/6
PACKAGING	TAPE & REEL



April 2016