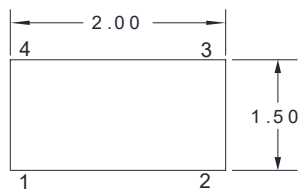


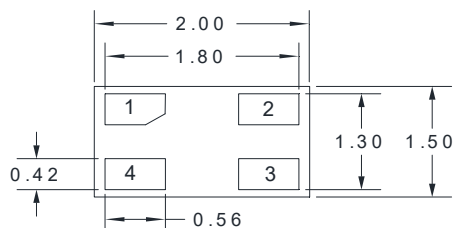
Parameters		Specification	Unit
Center Frequency (Fo)		859.000	MHz
Bandwidth (855MHz ~ 867MHz)		12000	kHz
Insertion Loss in BW, typ/max		1.7 / 3.0	dB
Passband Ripple		0.6 / 1.5	dB
Attenuation, Min/typ	817 MHz ~ 819 MHz	-35 / -40	dB
	837 MHz ~ 839 MHz	-30 / -50	dB
	873 MHz	-20 / -24	dB
	879 MHz ~ 881 MHz	-30 / -45	dB
	899 MHz ~ 901 MHz	-35 / -40	dB
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

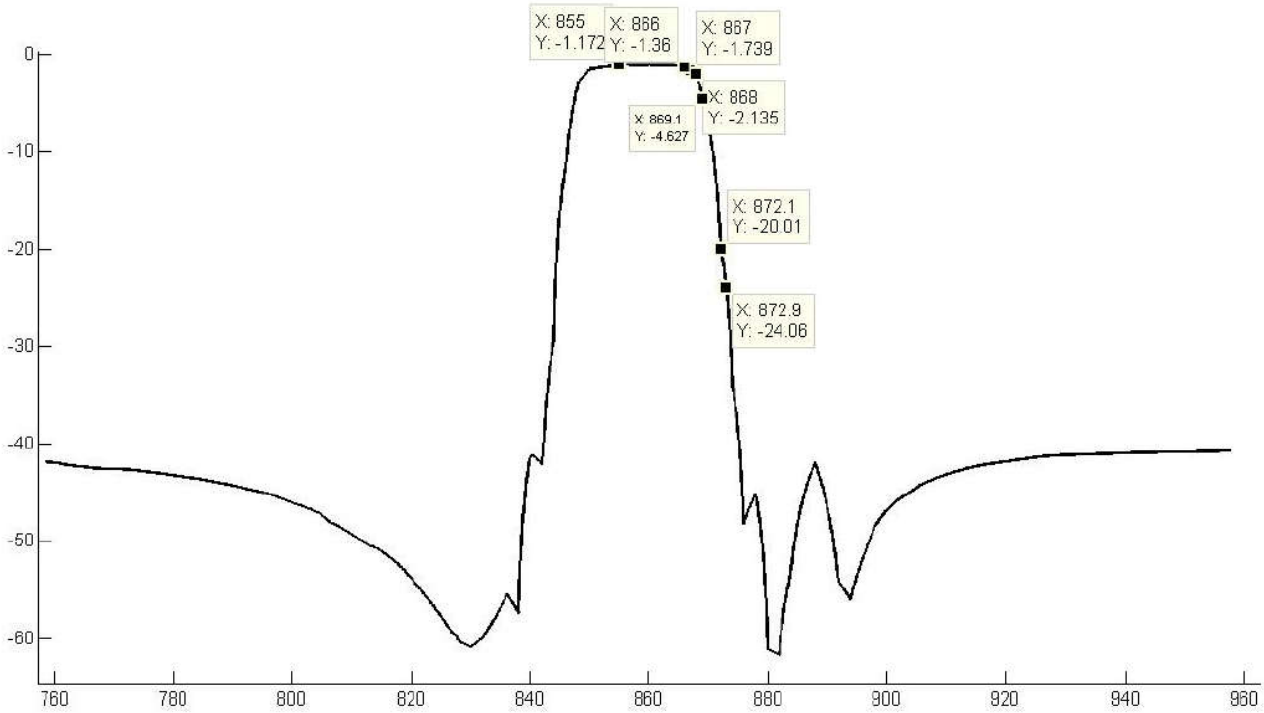


BOTTOM VIEW

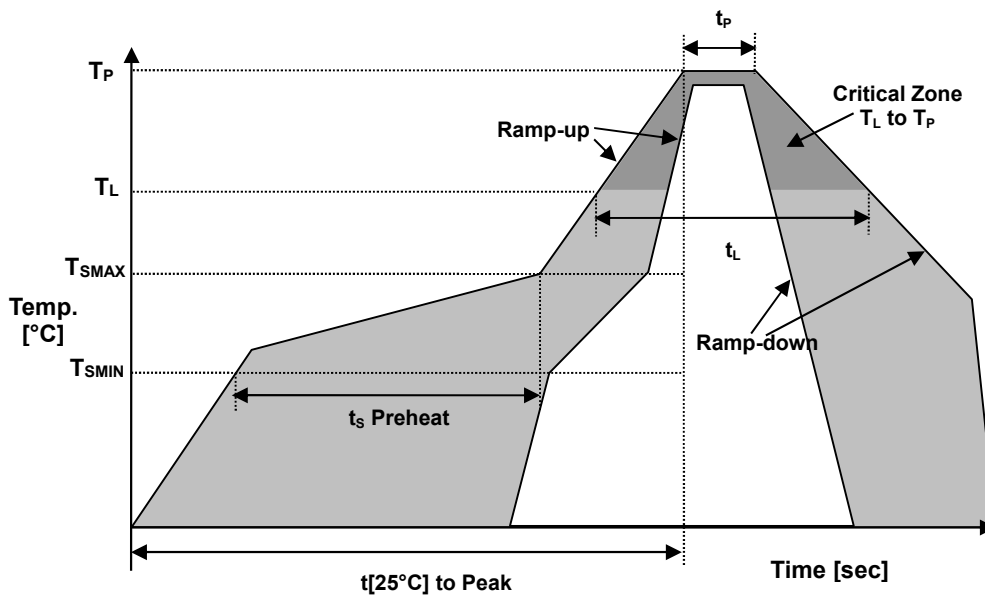


Pin Number	Function
1	Input
2	GND
3	Output
4	GND

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