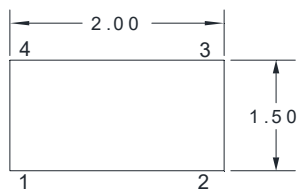


Parameters		Specification	Unit
Center Frequency (Fo)		861.000	MHz
Bandwidth (855MHz ~ 867MHz)		12000	kHz
Insertion Loss in BW, typ/max		1.8 / 2.5	dB
Passband Ripple, typ/max		0.5 / 1.0	dB
Attenuation, Min/typ	819 MHz ~ 821 MHz	-35 / -40	dB
	839 MHz ~ 841 MHz	-30 / -38	dB
	848 MHz	-20 / -40	dB
	873 MHz	-20 / -30	dB
	881 MHz ~ 883 MHz	-30 / -40	dB
	901 MHz ~ 903 MHz	-35 / -40	dB
Input Power, Max		10	dBm
Voltage		10	V
In/Out Impedance		50	$\Omega$
Operating temperature range		-40 to +85	$^{\circ}\text{C}$
Storage Temperature		-40 to +85	$^{\circ}\text{C}$

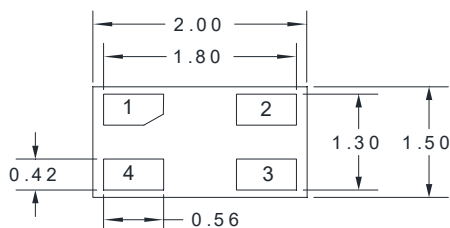
Note: Specification at T=25 $^{\circ}\text{C}$

### Dimension

TOP VIEW

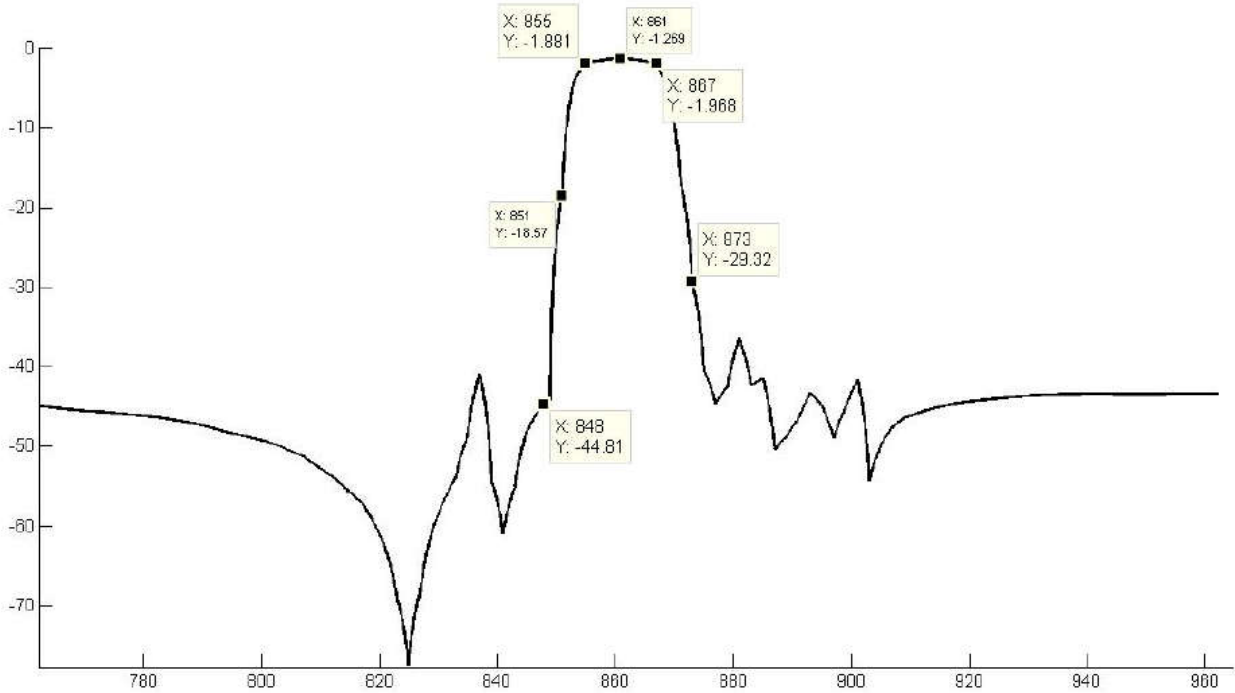


BOTTOM VIEW

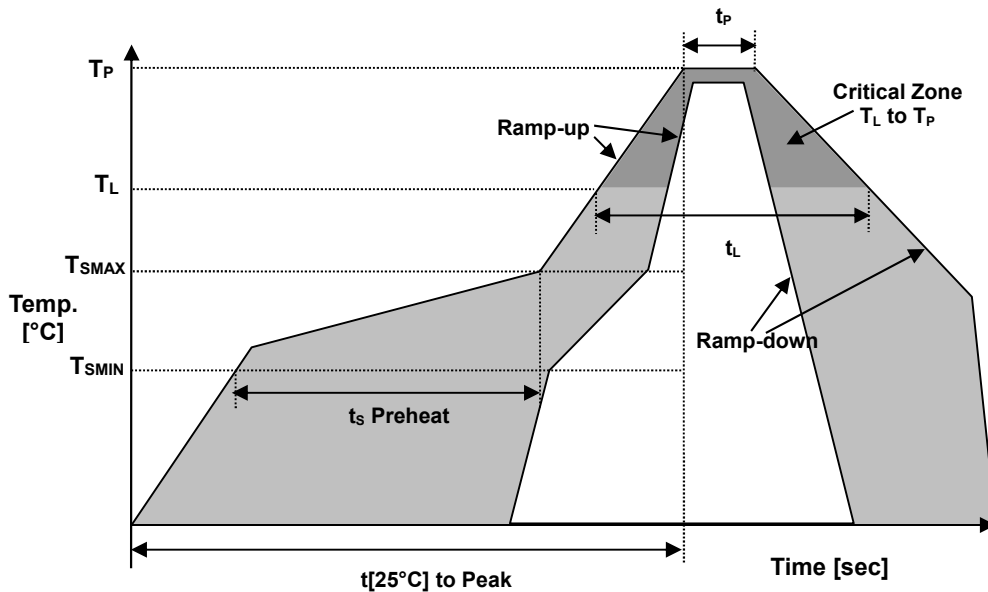


Pin Number	Function
1	Input
2	GND
3	Output
4	GND

**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
REACH – SVHC	Compliant
RoHS 2	6/6
PACKAGING	TAPE & REEL



April 2016