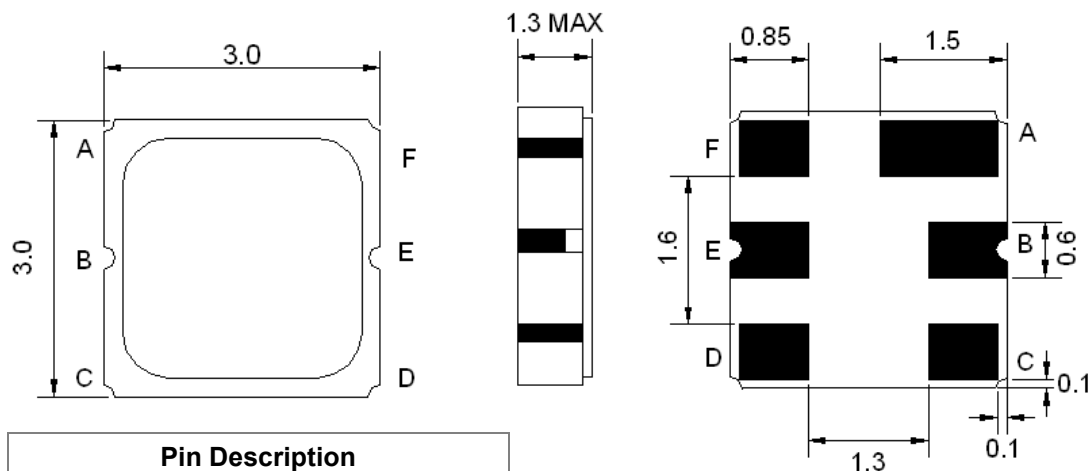


Parameters		Specification	Unit
Center frequency(Fo)		833.000	MHz
Bandwidth (Bw)		32000	kHz
Insertion Loss (in 817~849MHz) , typ/max		2.8 / 3.0	dB
Amplitude Ripple (in 817~849MHz), typ/max		0.9 / 1.1	dB
Return Loss (in 817~849MHz), min/typ		10 / 15	-
Attenuation min/typ	DC ~ 750 MHz	-40 / -50	dB
	750 MHz ~ 800 MHz	-35 / -45	dB
	855 MHz ~ 856 MHz	-10 / -12	dB
	862 MHz ~ 894 MHz	-20 / -25	dB
	894 MHz ~ 1200 MHz	-30 / -45	dB
	1200 MHz ~ 2000 MHz	-45 / -50	dB
In/Out Impedance		50	Ω
Input Power, max		10	dBm
Operating Temperature Range		-40 to +85	$^{\circ}\text{C}$
Storage Temperature		-40 to +85	$^{\circ}\text{C}$

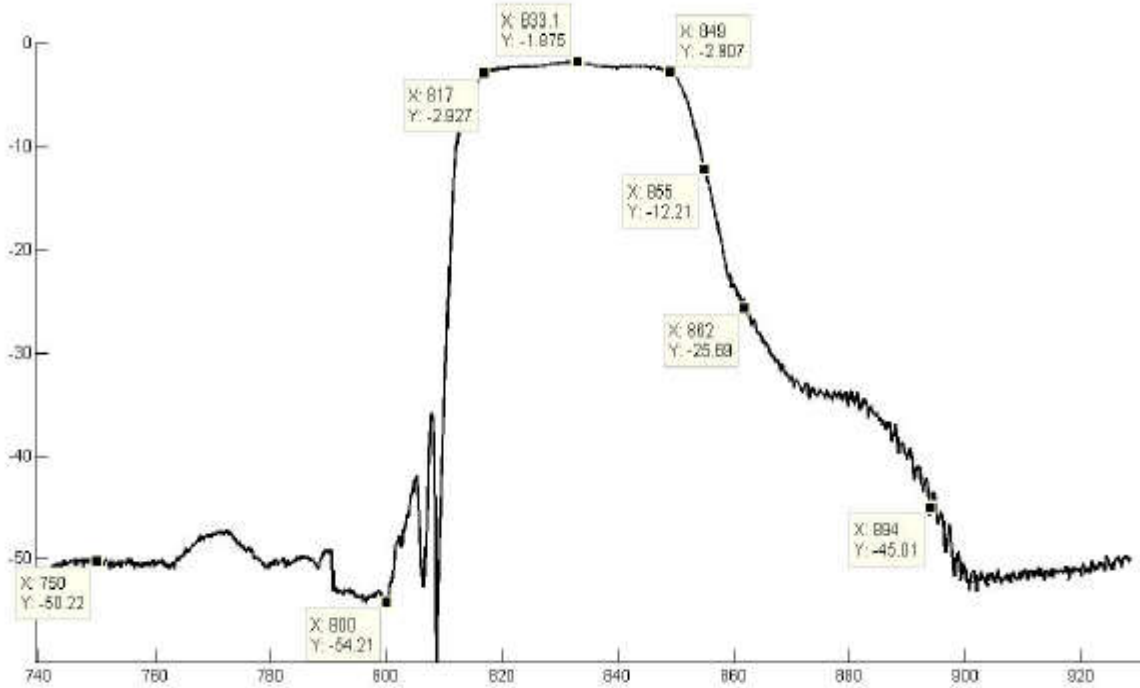
Note: Specification at T=25 $^{\circ}\text{C}$

Dimension

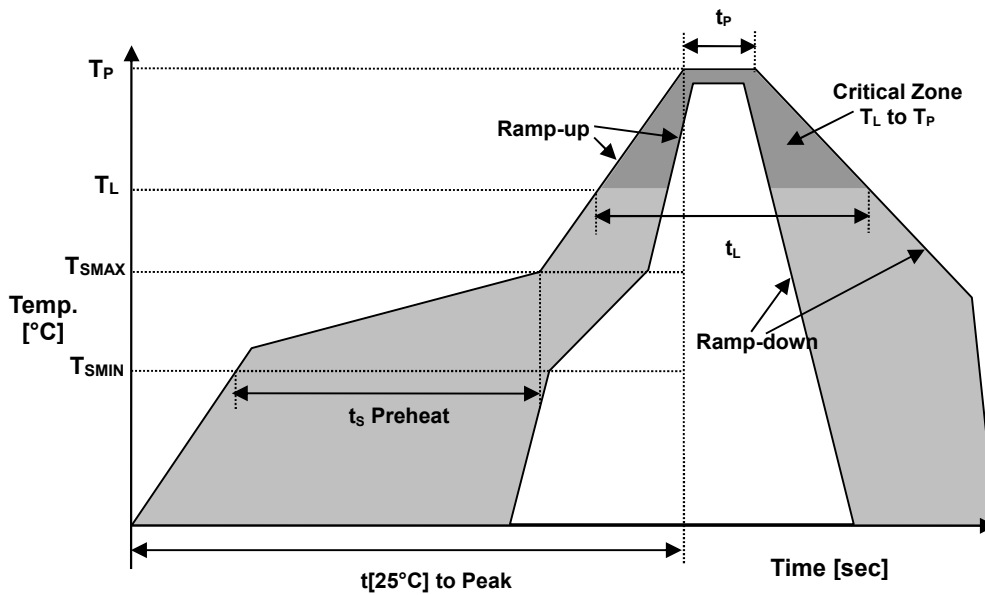


Pin Description	
A, C, D, F	Ground
B	In
E	Out

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 $t[25^\circ\text{C}]$ to Peak Temperature	$t[25^\circ\text{C}]$ 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