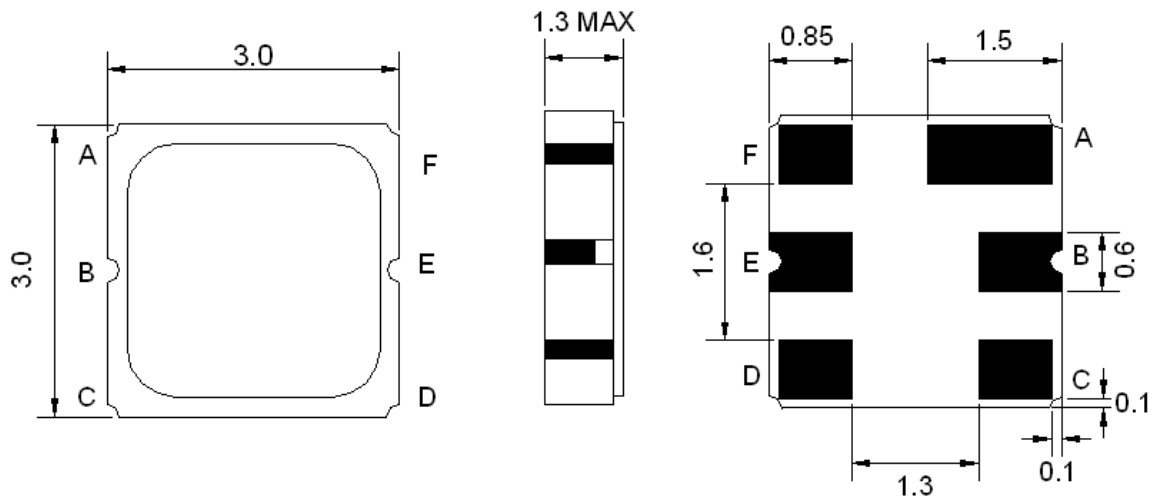


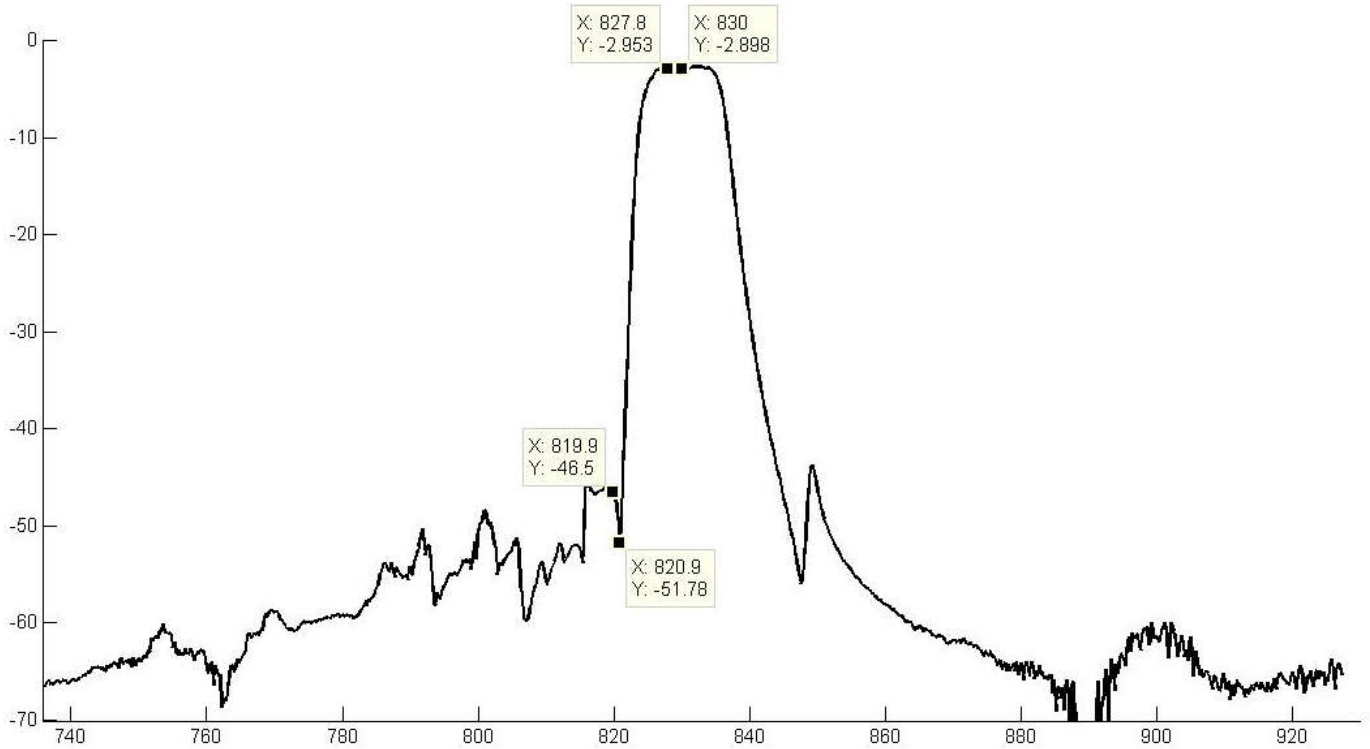
Items	Specification	Unit
Center frequency (Fo)	829.000	MHz
Insertion Loss (828.5 ~ 829.5), typ/max	2.9 / 3.5	dB
Amplitude Ripple (828.5 ~ 829.5), typ/max	0.5 / 1.0	dB
VSWR (828.5 ~ 829.5), typ/max	1.7 / 2.0	-
Attenuation min/typ	DC ~ 800 MHz	-40 / -50
	820 MHz ~ 821 MHz	-40 / -46
	850 MHz ~ 851 MHz	-40 / -43
	860 MHz ~ 1500 MHz	-40 / -55
In/Out Impedance	50	$\Omega$
Input Power, max	15	dBm
Operation Temperature	-40 to +85	$^{\circ}\text{C}$
Storage Temperature	-40 to +85	$^{\circ}\text{C}$

### Dimension

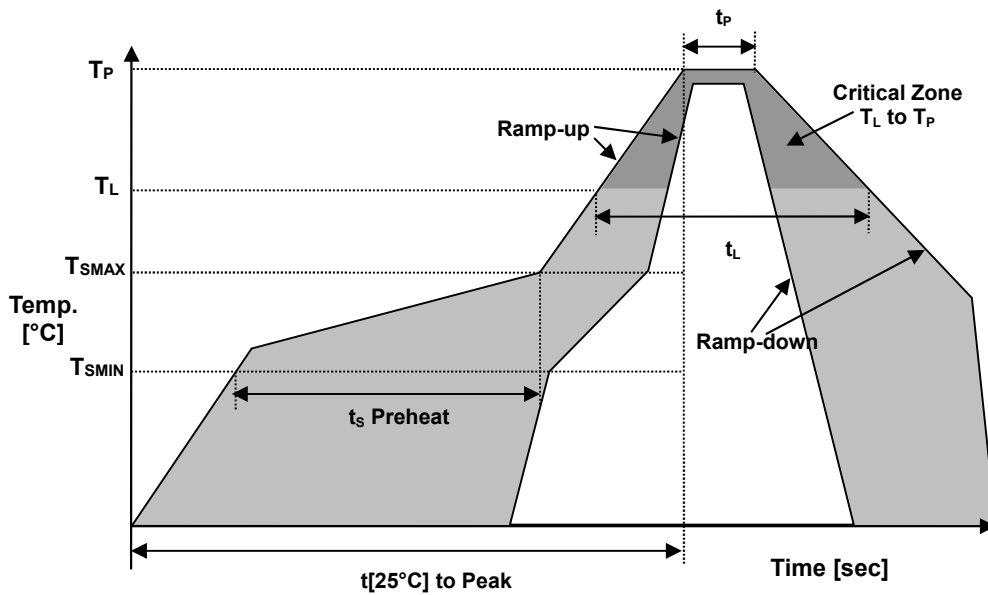


Pin Description	
A, C, D, F	Ground
B	In
E	Out

**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