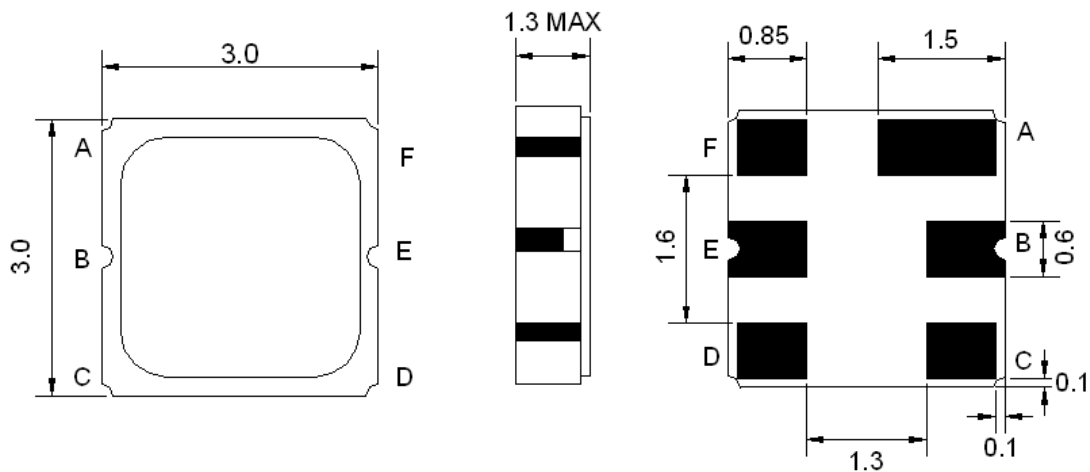


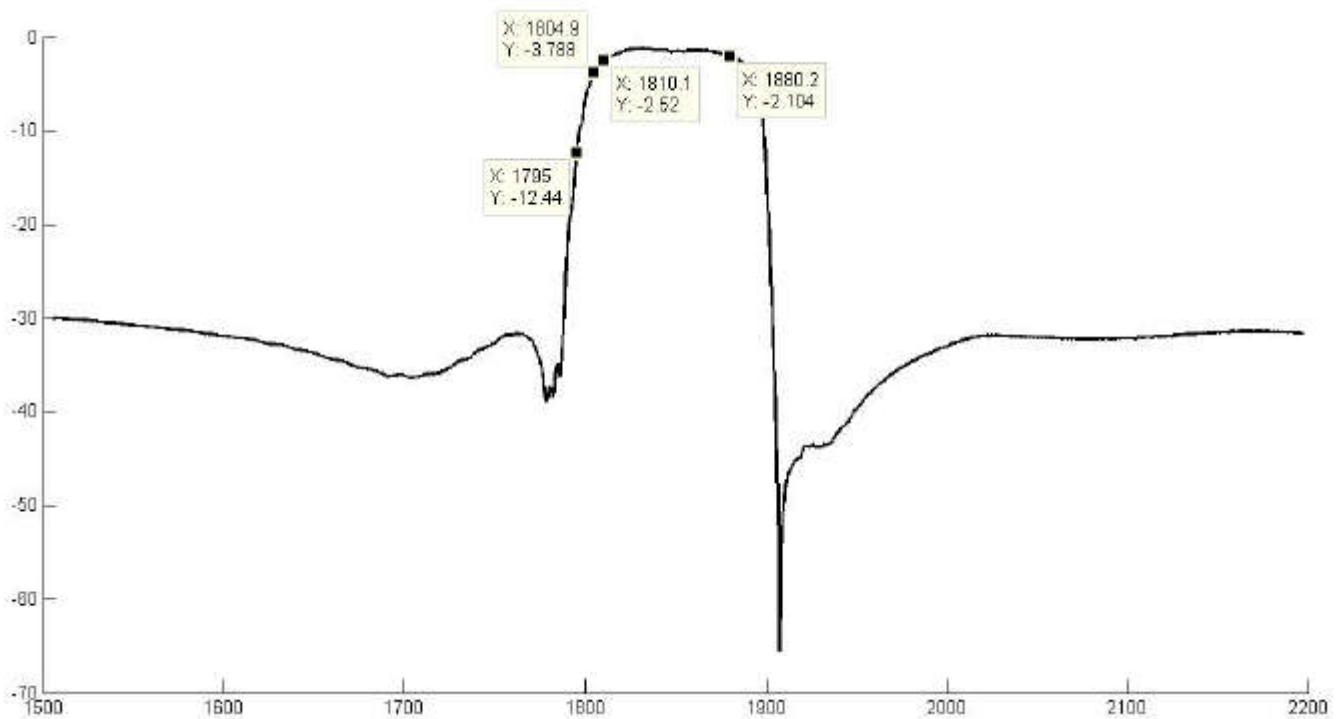
Parameters		Specification	Unit
Center frequency(Fo)		1842.500	MHz
Bandwidth (Bw)		75000	kHz
Insertion loss in Bw, typ/max	1805 MHz ~ 1810 MHz	3.6 / 4.0	dB
	1810 MHz ~ 1880 MHz	2.5 / 3.0	dB
Amplitude Ripple in Bw, typ/max	1805 MHz ~ 1810 MHz	2.0 / 2.5	dB
	1810 MHz ~ 1880 MHz	1.0 / 1.5	dB
Attenuation min/typ	500 MHz ~ 1200 MHz	-25 / -28	dB
	1300 MHz ~ 1770 MHz	-25 / -30	dB
	1795 MHz	-10 / -12	dB
	2000 MHz ~ 3000 MHz	-25 / -30	dB
In/Out Impedance		50	Ω
Input Power, max		25	dBm
Operating Temperature Range		-40 to +85	$^{\circ}\text{C}$
Storage Temperature		-40 to +85	$^{\circ}\text{C}$

Dimension

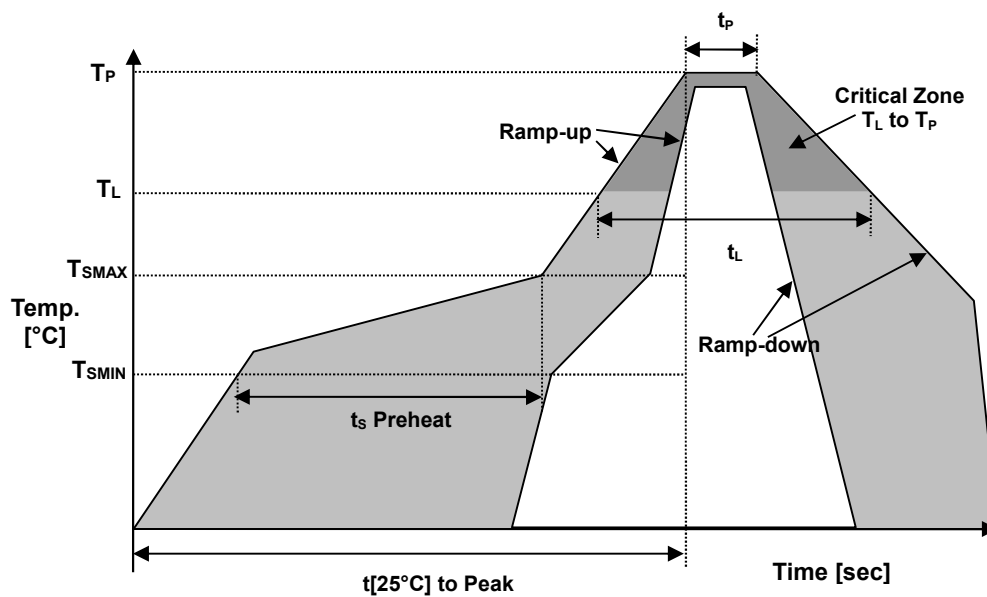


Pin Description	
A, C, D, F	Ground
B	In
E	Out

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