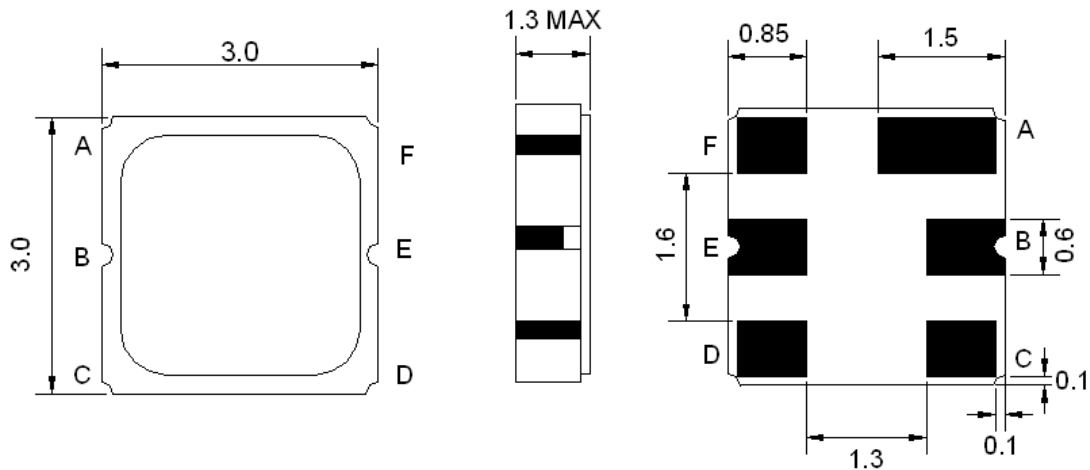


Parameters		Specification	Unit
Center frequency(Fo)		878.000	MHz
Bandwidth (Bw)		32000	kHz
Insertion Loss (in 862~894MHz) , typ/max		2.7 / 3.0	dB
Amplitude Ripple (in 862~894MHz), typ/max		0.9 / 1.1	dB
Return Loss (in 862~894MHz), min/typ		10 / 15	-
Attenuation min/typ	DC ~ 780 MHz	-40 / -50	dB
	780 MHz ~ 849 MHz	-30 / -40	dB
	855 MHz	-15 / -25	dB
	914 MHz ~ 970 MHz	-20 / -30	dB
	970 MHz ~ 1049 MHz	-42 / -50	dB
	1049 MHz ~ 2000 MHz	-40 / -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	$^{\circ}\text{C}$

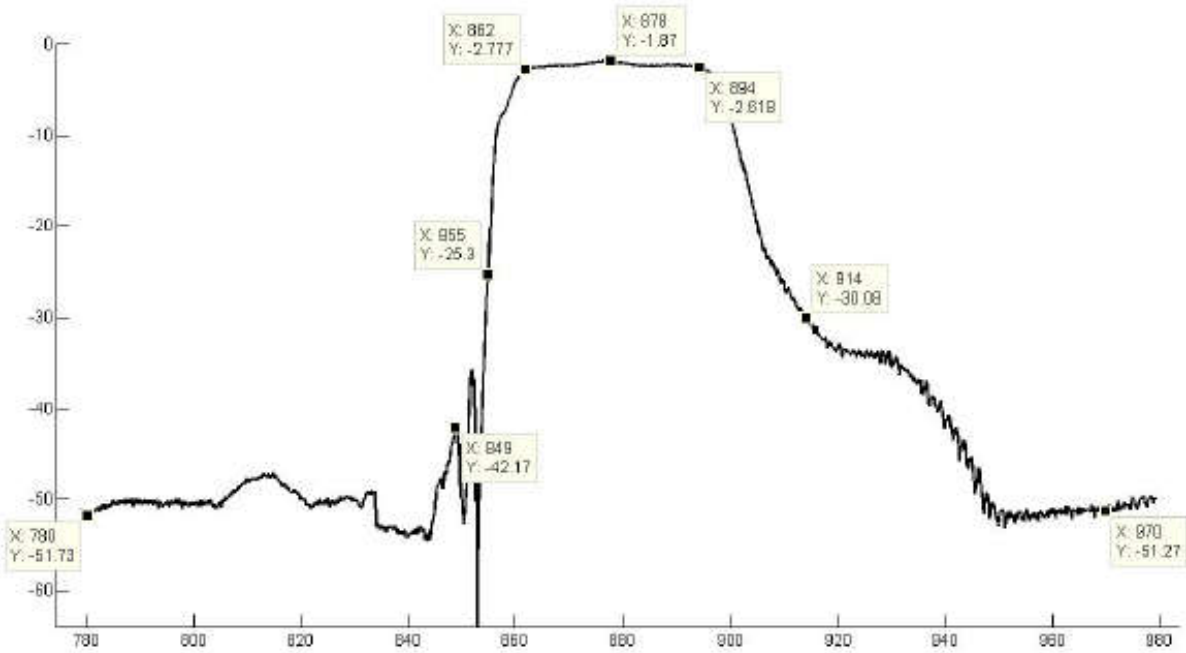
Note: Specification at T=25 $^{\circ}\text{C}$

Dimension

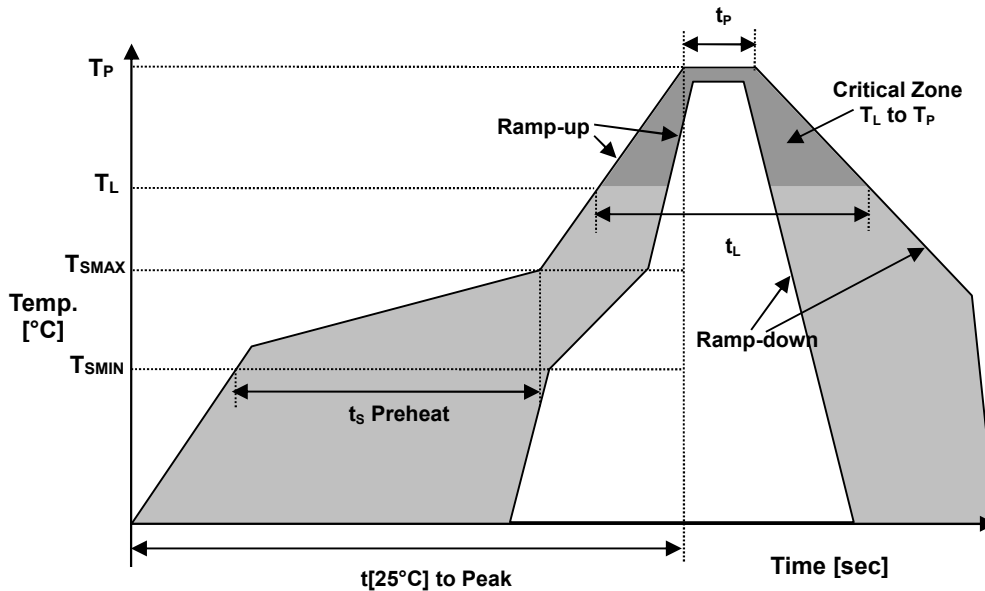


Pin Description	
A, C, D, F	Ground
B	In
E	Out

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°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