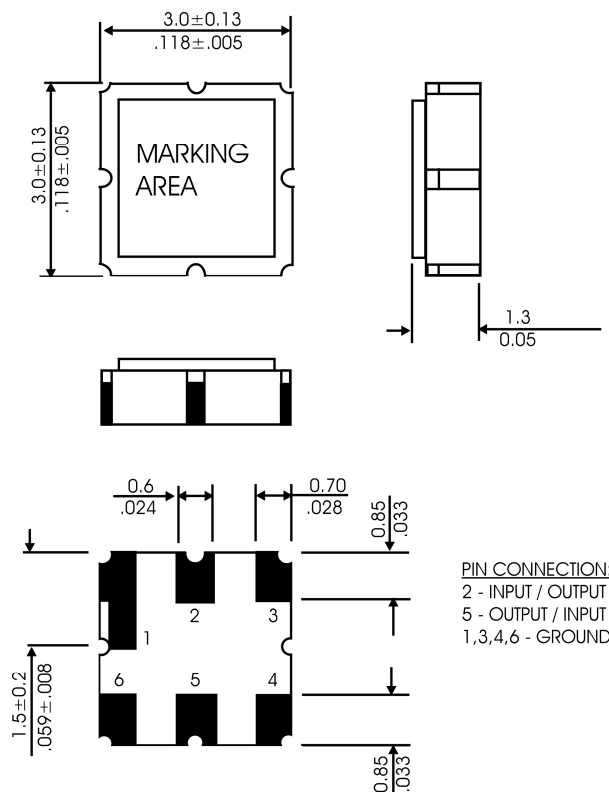
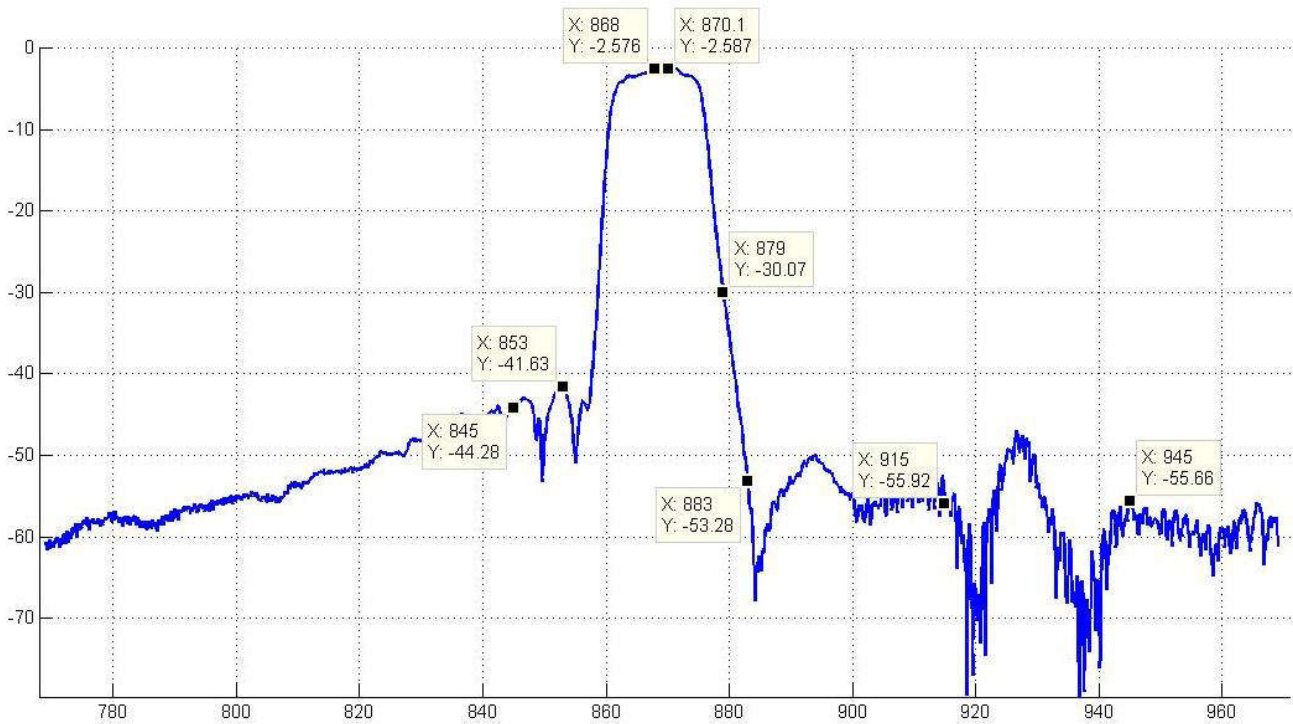


Items	Specification	Unit
Center Frequency (fo)	869.000	MHz
Bandwidth	2000	kHz
Insertion Loss (BW), Typ/Max	2.5 / 3.5	dB
Amplitude Ripple (BW), Typ/Max	0.3 / 1.3	dB
Return Loss (BW), Min/Typ	10 / 20	dB
Relative Attenuation Min/Typ	10 ~ 300 MHz	-45 / -60
	300 MHz ~ 845 MHz	-40 / -44
	845 MHz ~ 853 MHz	-38 / -42
	879 MHz ~ 883 MHz	-20 / -30
	883 MHz ~ 915 MHz	-45 / -50
	915 MHz ~ 945 MHz	-40 / -48
	945 MHz ~ 1200 MHz	-45 / -55
1200 MHz ~ 2000 MHz	-35 / -50	
DC Voltage, Max	10	V
Input Power, Max	17	dBm
In/Out Impedance	50	Ω
Operation Temperature	-40 to +85	$^{\circ}\text{C}$
Storage Temperature	-45 to +85	$^{\circ}\text{C}$

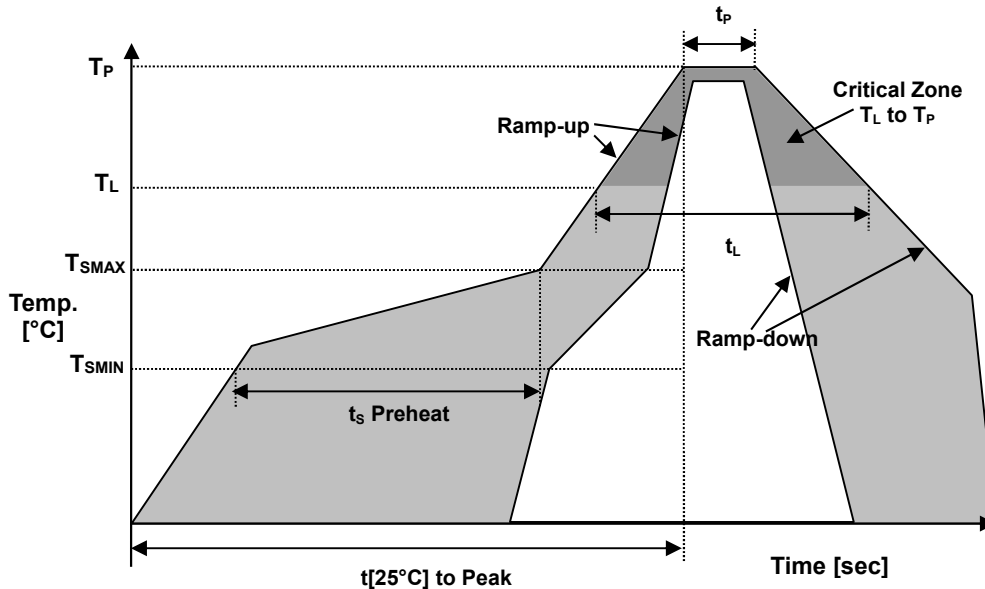
Dimension



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
TERMINATION FINISH	Au
REACH – SVHC	Compliant
RoHS 2	6/6
PACKAGING	TAPE & REEL



April 2016