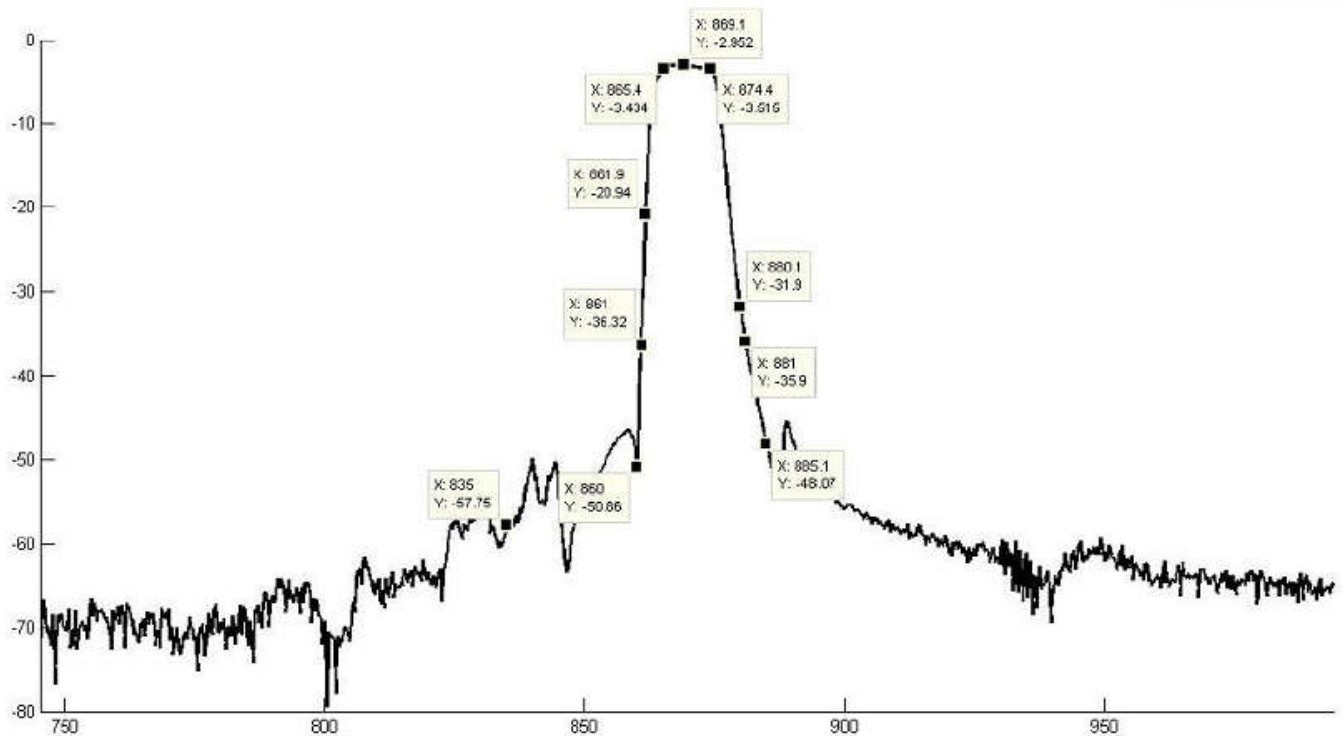
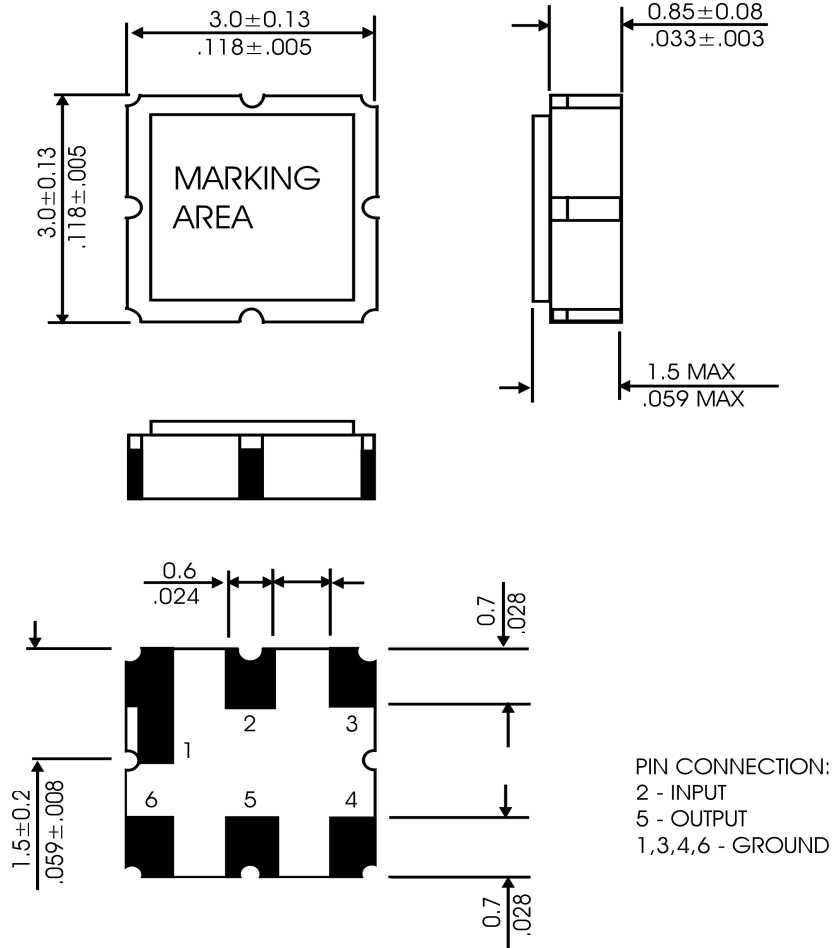


Parameters		Specification	Unit
Center frequency (fo)		869.000	MHz
Bandwidth		869.000 ± 2.000	MHz
Insertion Loss in BW, typ / max		2.6 / 3.5	dB
Amplitude Ripple in BW, typ / max		0.3 / 1.0	dB
Attenuation, min / typ	50 MHz ~ 791 MHz	45 / 60	dB
	791 MHz ~ 835 MHz	45 / 55	dB
	835 MHz ~ 860 MHz	35 / 48	dB
	862 MHz	- / 20	dB
	880 MHz	- / 30	dB
	882 MHz ~ 885 MHz	35 / 40	dB
	885 MHz ~ 3000 MHz	30 / 45	dB
VSWR in BW, typ / max		1.6 / 2.0	dB
In/Out Impedance		50	Ω
DC Voltage, max		10	V
Input Power, max		15	dB
Operating Temperature Range		-40 to +85	°C
Storage Temperature Range		-40 to +85	°C

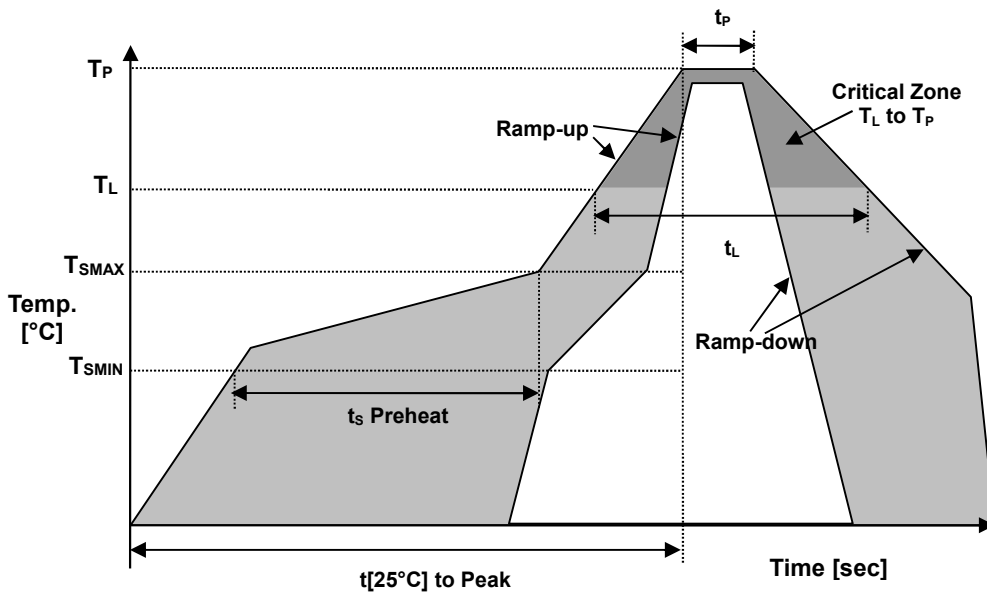
Frequency Characteristics



Dimension



● **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