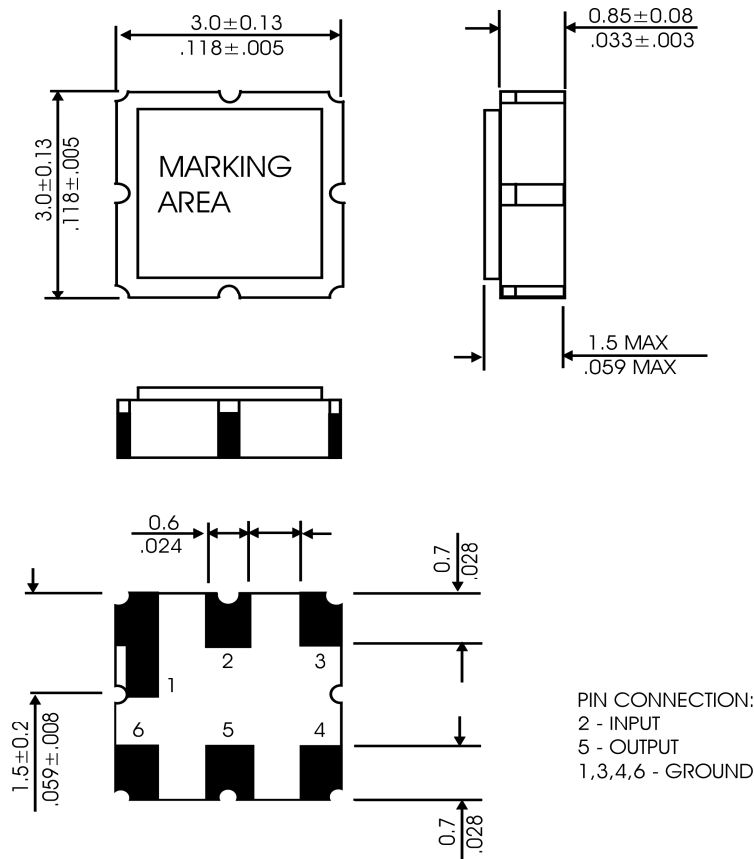
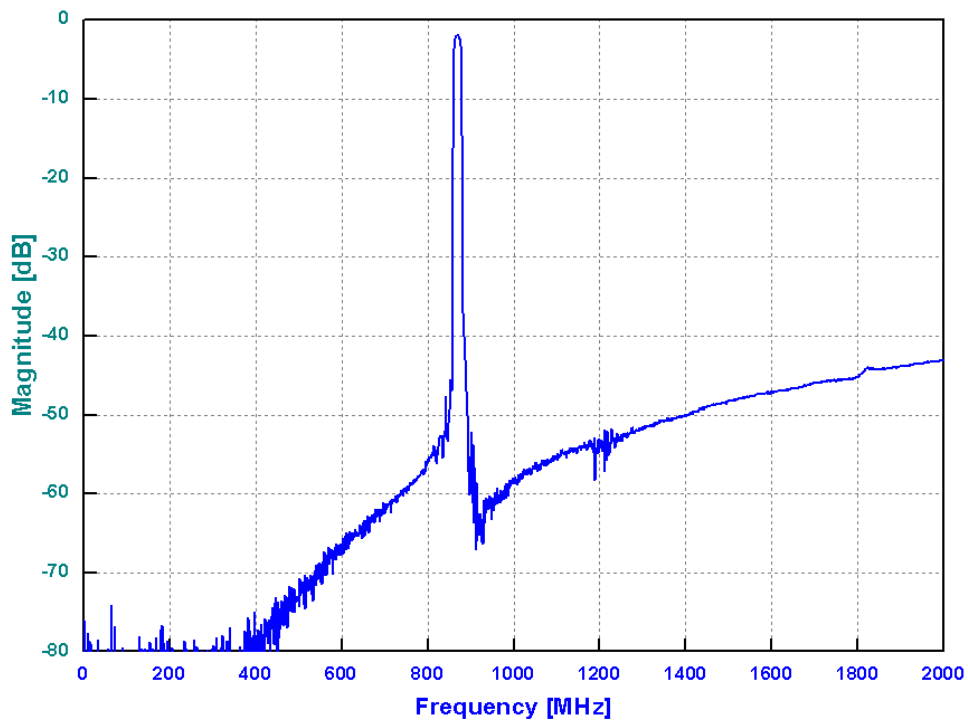
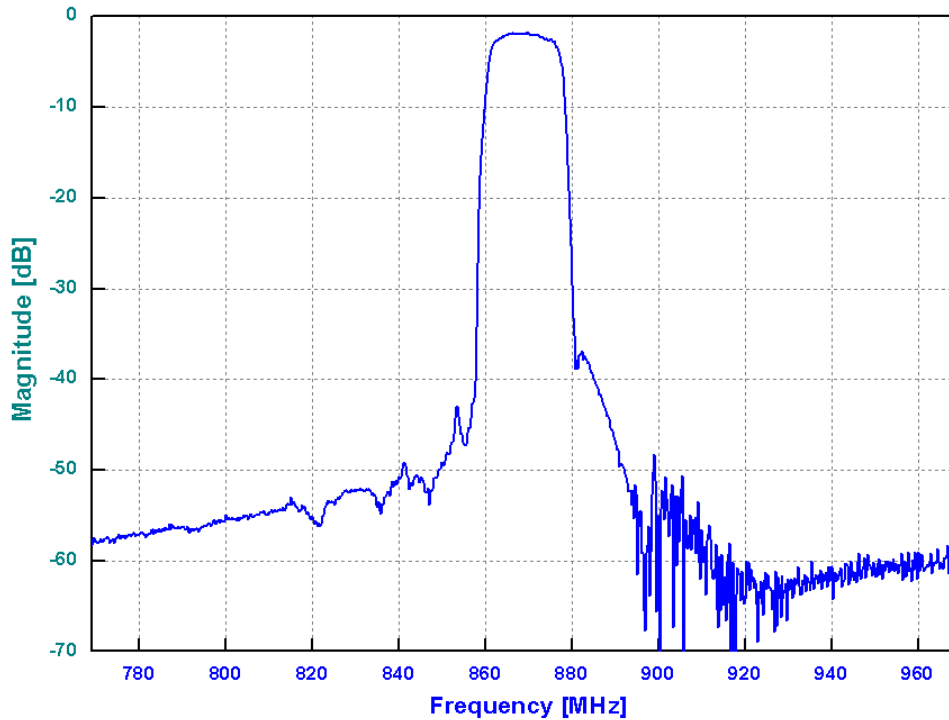


Items		Specification	Unit
Center frequency (fo)		869.000	MHz
Bandwidth		2000	kHz
Insertion Loss (BW), Maximum		3.0	dB
Amplitude Ripple (BW), Maximum		1.0	dB max
Return Loss (BW), Minimum		10	dB min
Relative Attenuation	10 MHz ~ 300 MHz	50	dB min
	300 MHz ~ 845 MHz	45	dB min
	845 MHz ~ 853 MHz	35	dB min
	879 MHz ~ 883 MHz	2	dB min
	883 MHz ~ 915 MHz	30	dB min
	915 MHz ~ 945 MHz	45	dB min
	945 MHz ~ 1200 MHz	45	dB min
	1200 MHz ~ 2000 MHz	35	dB min
DC Voltage, maximum		0V	
RF Power Dissipation, maximum		15 dBm	
In/Out Impedance		50Ω	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	

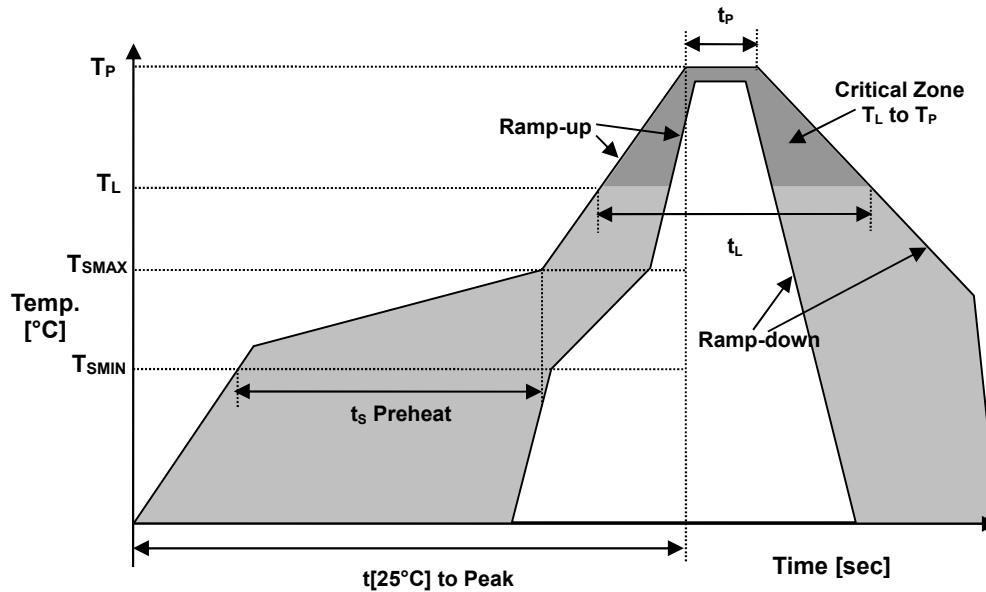
### Dimension



### 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 $t_{[25^\circ\text{C}]}$ to Peak Temperature	$t_{[25^\circ\text{C}]}$ 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