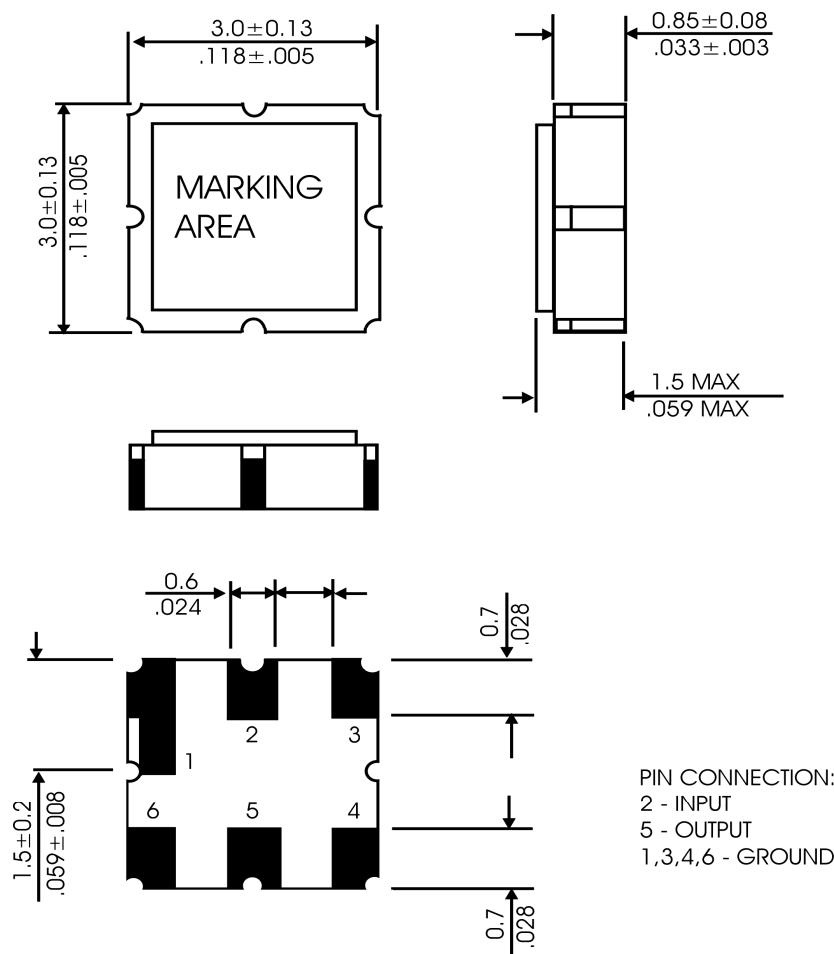
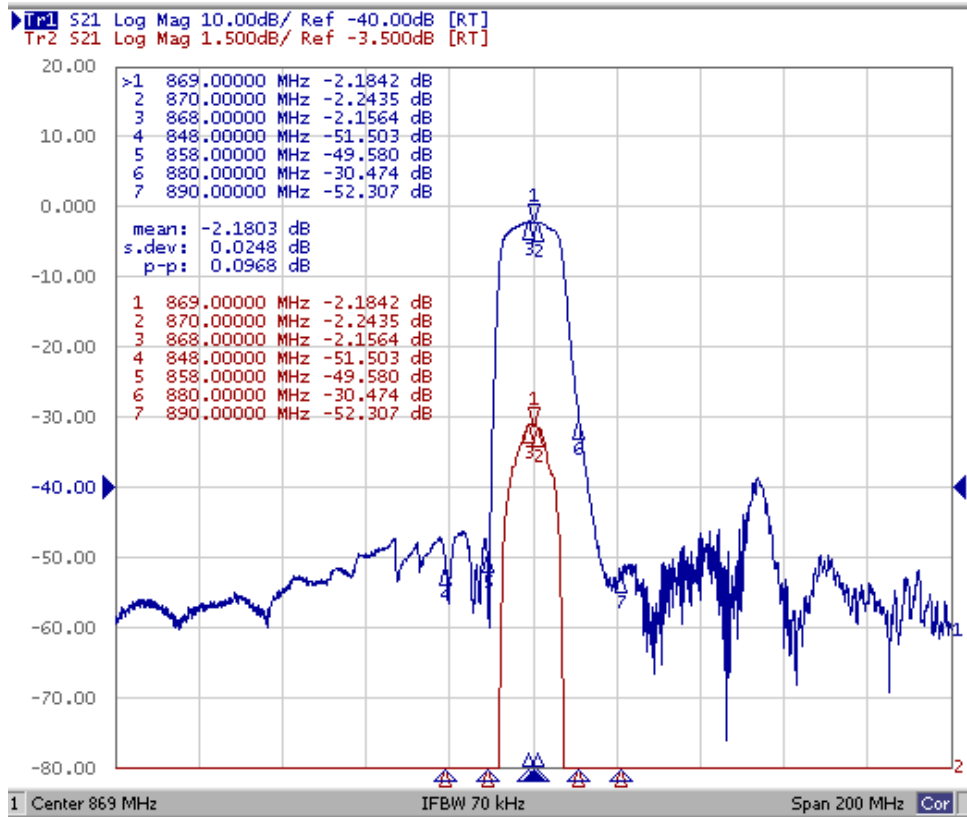


Items		Specification	Unit
Center frequency (fo)		869.000	MHz
Bandwidth		2000	kHz
Insertion Loss (BW), Maximum		3.0	dB
Amplitude Ripple (BW), Maximum		0.7	dB max
Relative Attenuation	0.3 MHz ~ 849 MHz	40	dB min
	849 MHz ~ 858 MHz	30	dB min
	880 MHz ~ 889 MHz	20	dB min
	889 MHz ~ 980 MHz	35	dB min
	980 MHz ~ 1500 MHz	40	dB min
Temperature Coefficient of Frequency		-32	ppm/°C
DC Voltage, maximum		10V	
RF Power Dissipation, maximum		10 dBm	
In/Out Impedance		50Ω	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-45°C to +85°C	

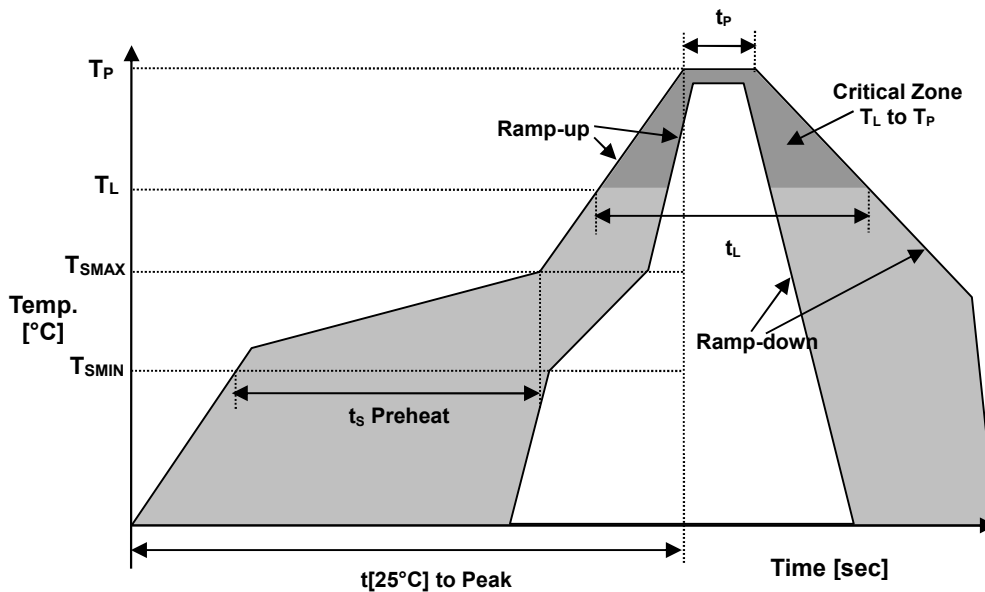
Dimension



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°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