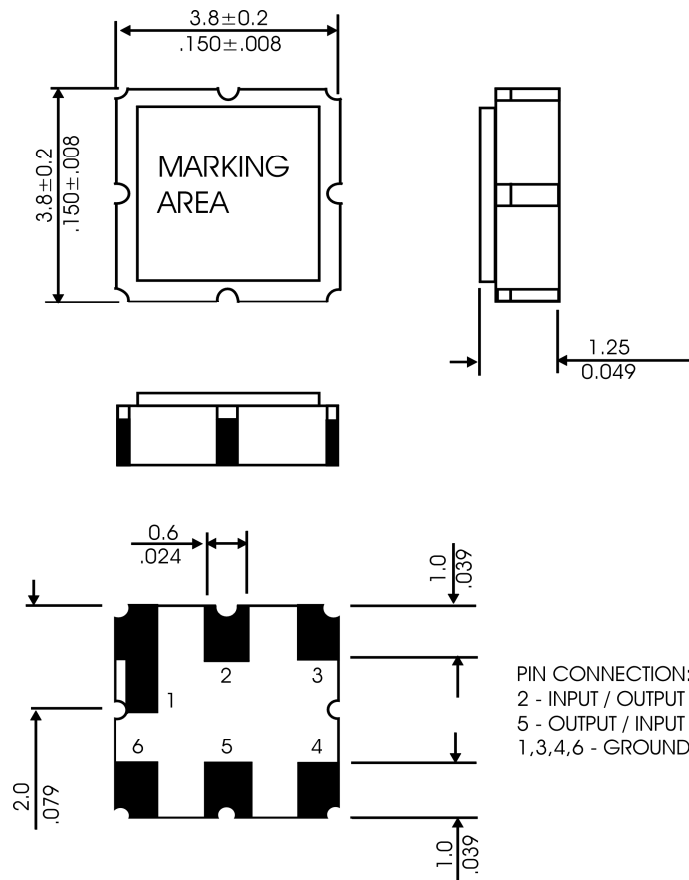
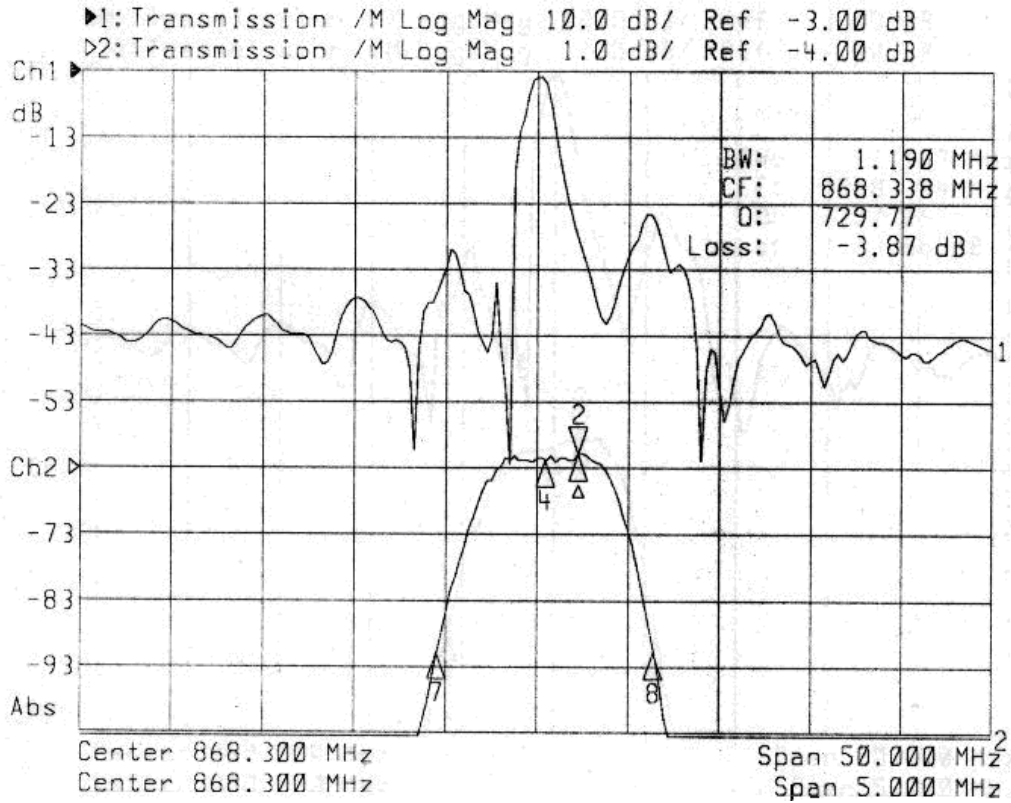


Items		Specification	Unit
Center frequency (Fc)		868.300	MHz
Bandwidth		1200	KHz
Insertion Loss in BW		6.0	dB max
Passband Ripple		±1.0	dB max
Temperature Stability	Turnover Temperature, Max	40	dB min
	Turnover Frequency	868.300	MHz
	Temperature Coefficient	0.032	ppm/°C <sup>2</sup>
Frequency Aging		< ±10 ppm/yr	
Attenuation	846.900 MHz	30	dB min
	857.600 MHz	15	dB min
In/Out Impedance		50 Ω	
DC Voltage		30 V	
RF Power Maximum		13 dBm	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	

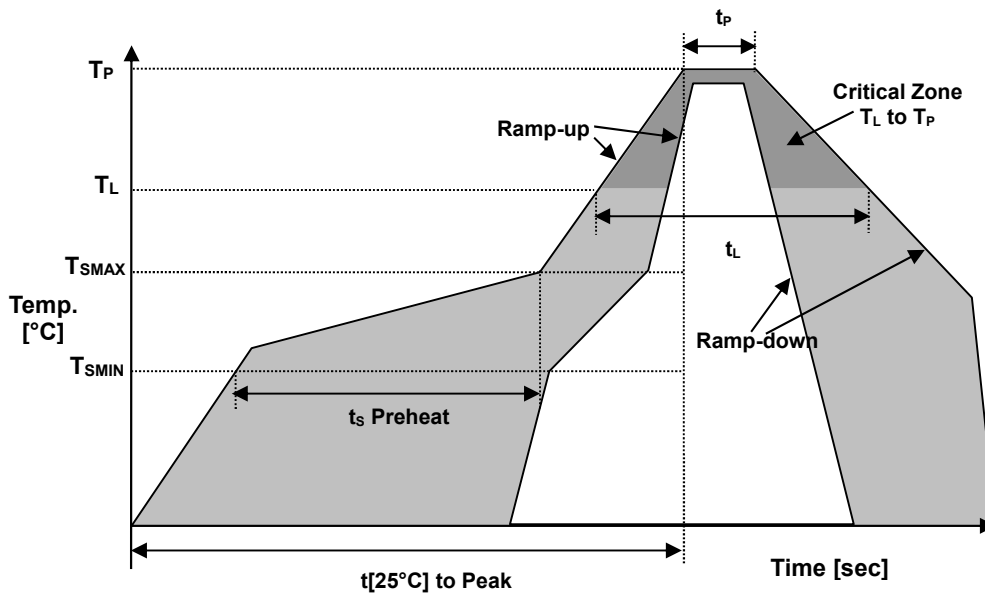
**Dimension**



**Typical Frequency Response**



● **REFLOW PROFILE**



Reflow profile		
Temperature Min Preheat	T <sub>SMIN</sub>	150°C
Temperature Max Preheat	T <sub>SMAX</sub>	200°C
Time (T <sub>SMIN</sub> to T <sub>SMAX</sub> )	t <sub>S</sub>	60-180 sec.
Temperature	T <sub>L</sub>	217°C
Peak Temperature	T <sub>P</sub>	260°C
Ramp-up rate	R <sub>UP</sub>	3°C/sec max.
Ramp-down rate	R <sub>DOWN</sub>	6°C/sec max.
Time within 5°C of Peak Temperature	t <sub>P</sub>	10 sec.
Time t[25°C] to Peak Temperature	t[25°C] to Peak	480 sec.
Time	t <sub>L</sub>	60-150 sec.

## Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016