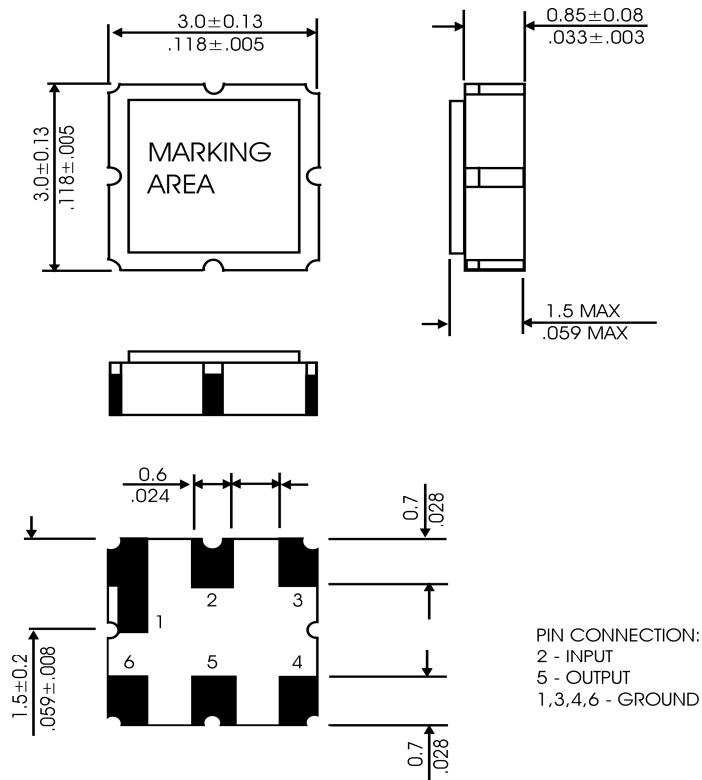


Items		Specification	Unit
Center frequency (Fo)		428.000	MHz
Bandwidth		16000	KHz
Insertion Loss in BW		2.6	dB Max
Amplitude Ripple in BW		1.0	dB Max
VSWR in BW		2.0	--
Absolute Attenuation	DC ~ 400 MHz	45	dB min
	470 MHz ~ 728 MHz	45	dB min
RF Power		+20 dBm Max	
DC Voltage		12 V Max	
In/Out Impedance		50 Ω	
Operation Temperature		-40°C to +90°C	
Storage Temperature		-40°C to +90°C	

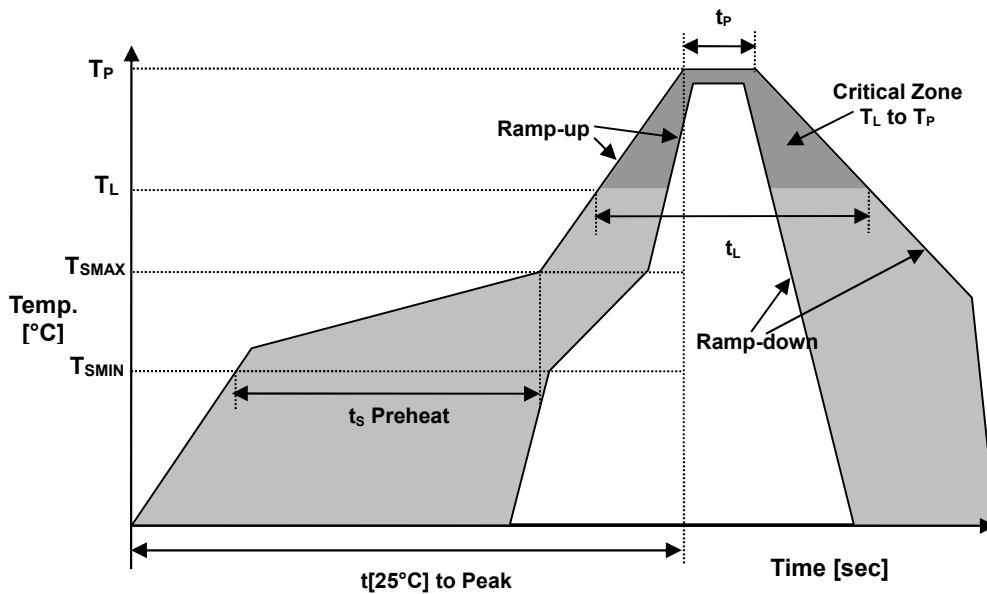
### Dimension



### Typical Frequency Response



### 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