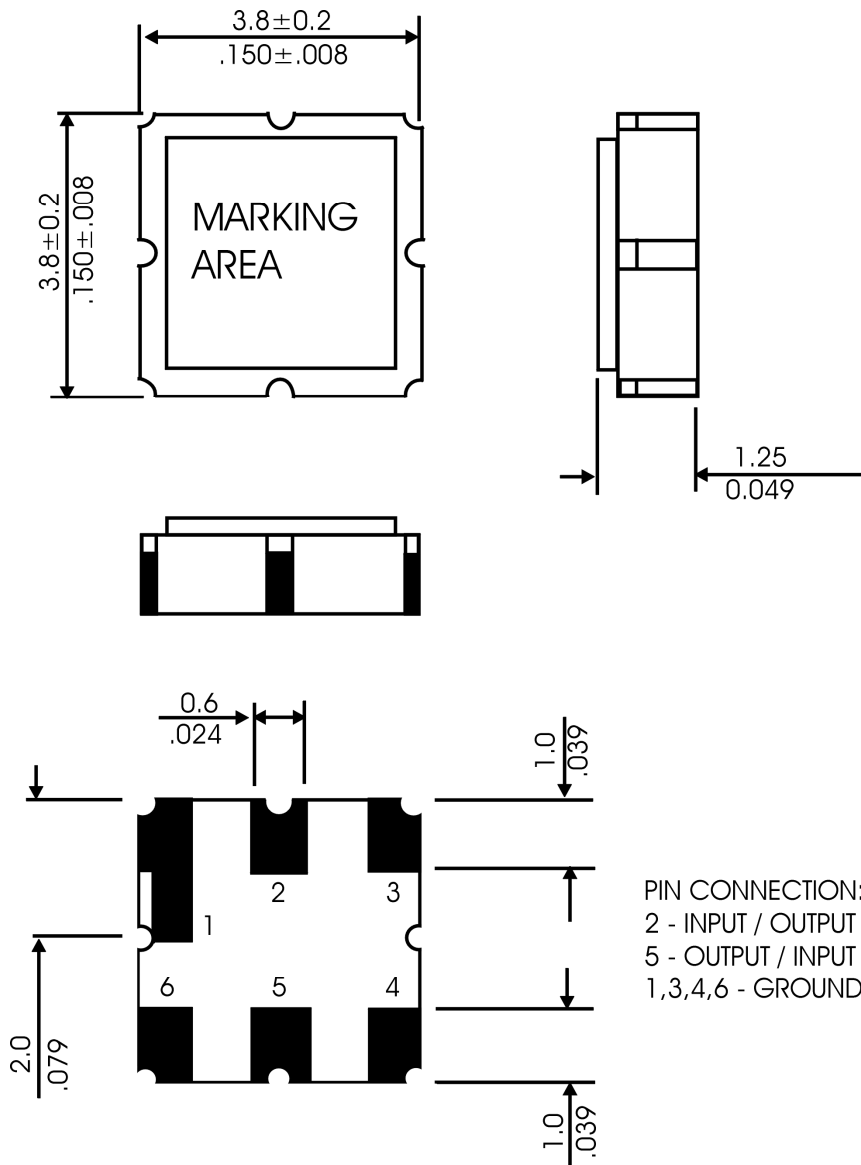
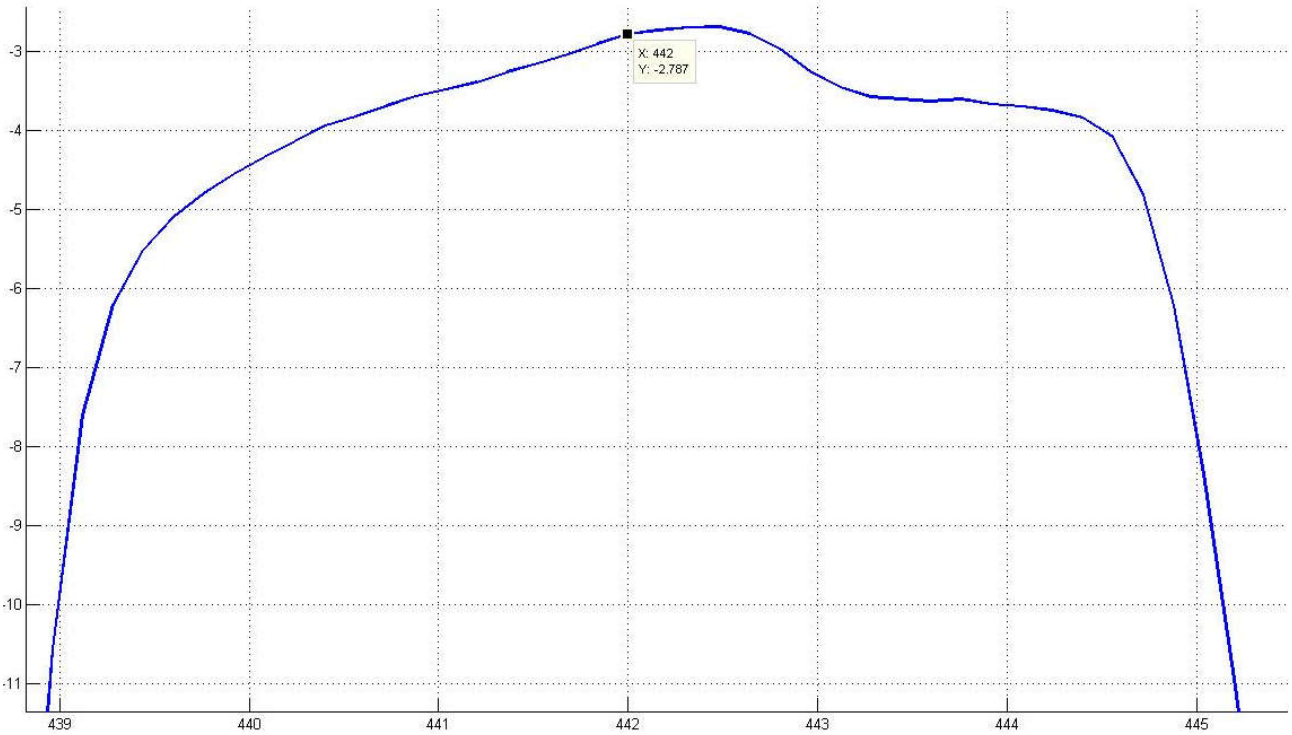
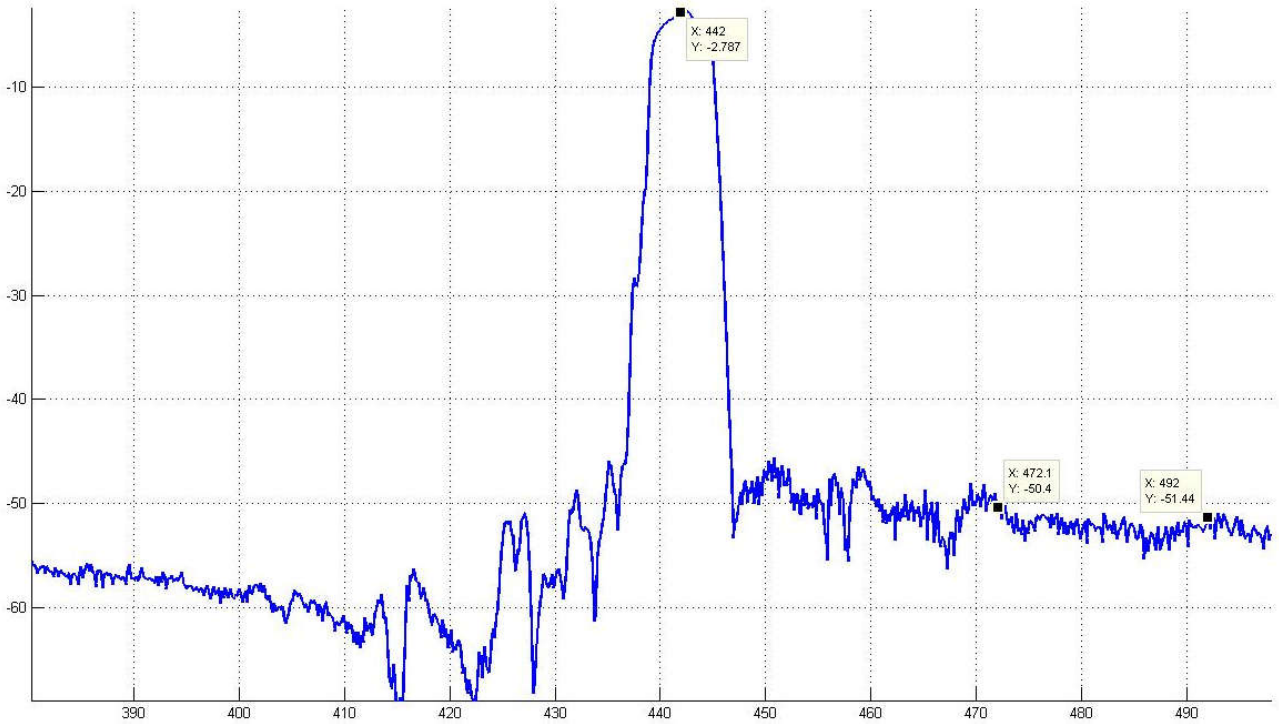


Items		Specification	Unit
Center frequency (Fc)		442.000	MHz
Bandwidth		5000	KHz
Insertion Loss in BW		3.5	dB max
Absolute Attenuation	DC ~ 430 MHz	40	dB min
	450 MHz ~ 600 MHz	40	dB min
In/Out Impedance		50 Ω	
DC Voltage		10 V	
RF Power Maximum		10 dBm	
Operation Temperature		-20°C to +85°C	
Storage Temperature		-40°C to +85°C	

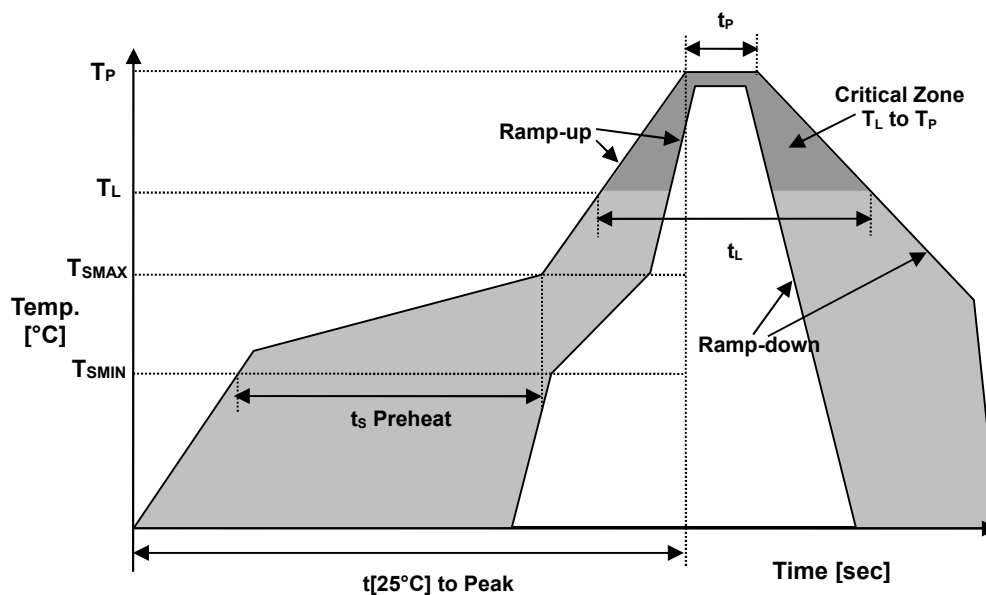
### Dimension



**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 $t[25^\circ\text{C}]$ 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