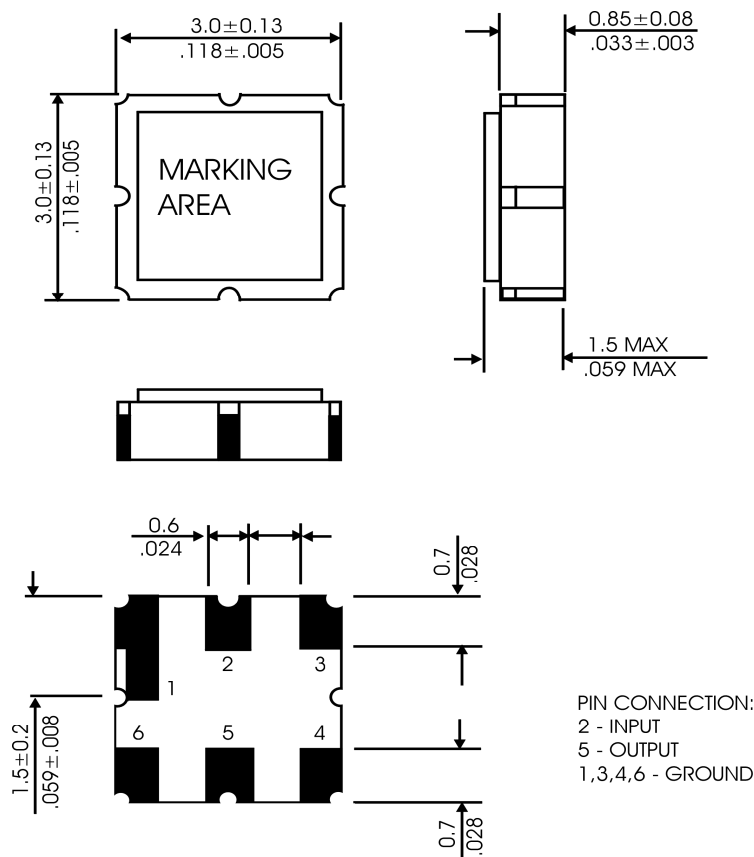
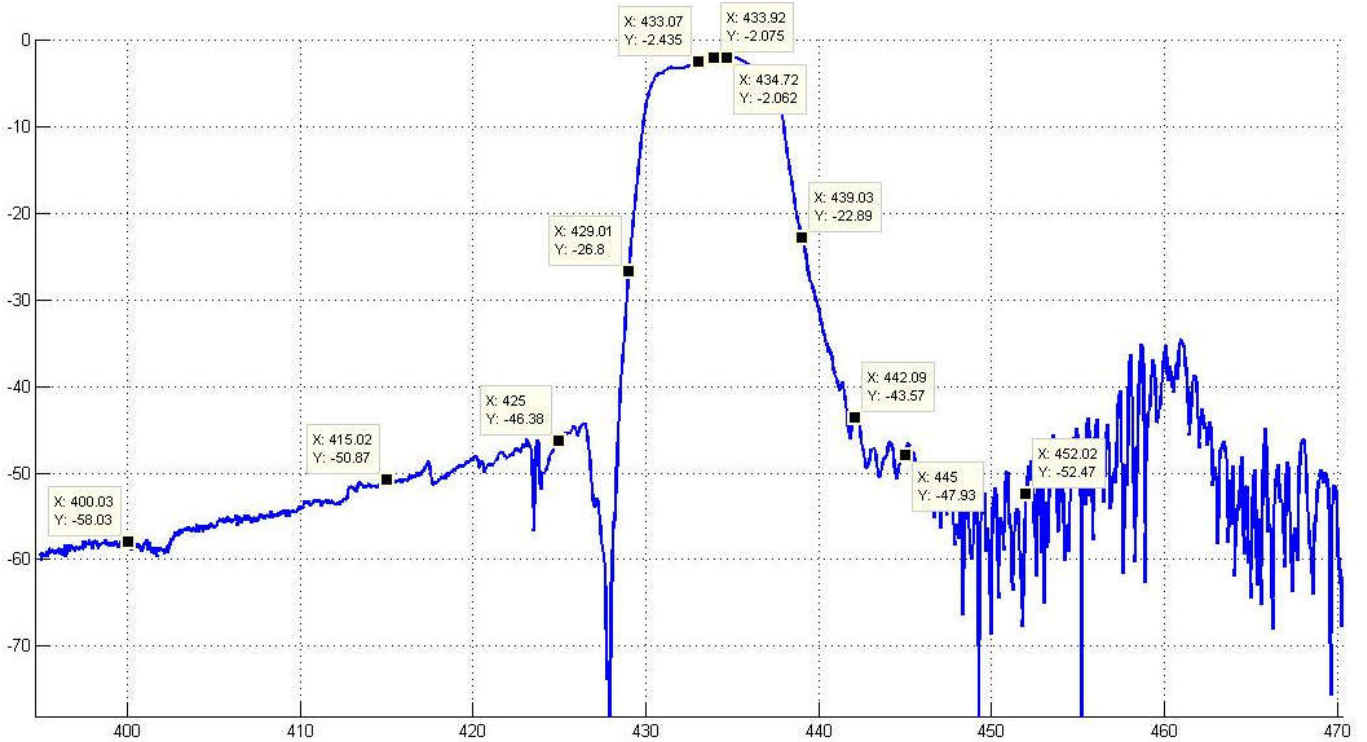


Items		Specification	Unit
Center frequency (fo)		433.920	MHz
Bandwidth		1600	kHz
Insertion Loss (BW), Maximum		3.2	dB
Amplitude Ripple (BW), Maximum		1.3	dB max
Relative Attenuation	10 MHz ~ 400 MHz	55	dB min
	400 MHz ~ 415 MHz	45	dB min
	415 MHz ~ 425 MHz	42	dB min
	425 MHz ~ 428 MHz	21	dB min
	440 MHz ~ 442 MHz	12	dB min
	442 MHz ~ 445 MHz	28	dB min
	445 MHz ~ 452 MHz	40	dB min
	452 MHz ~ 750 MHz	30	dB min
750 MHz ~ 2500 MHz		32	dB min
VSWR (BW), maximum		2.0	
RF Power Dissipation, maximum		14 dBm	
In/Out Impedance		50Ω	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	

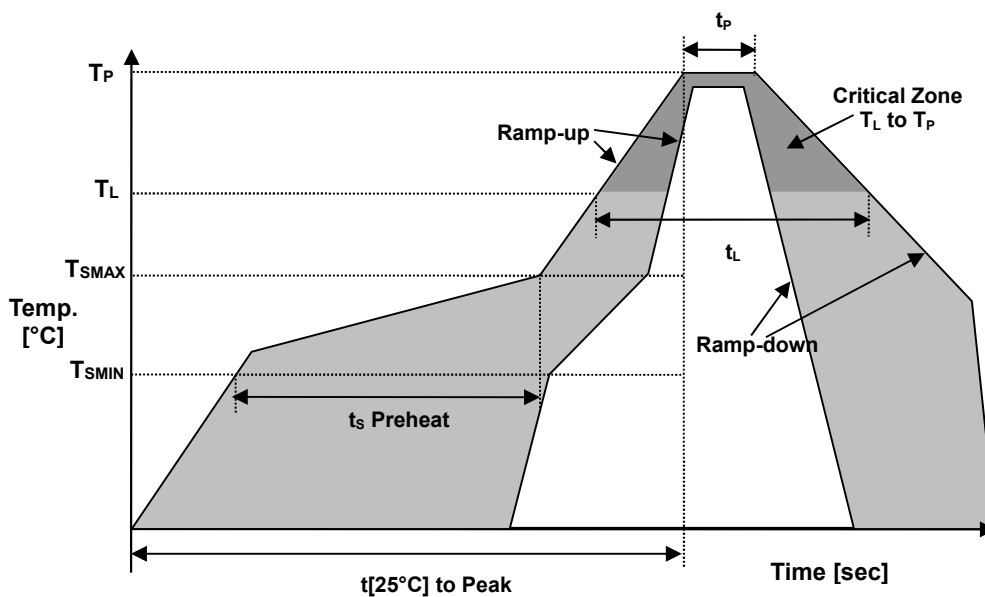
Dimension



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°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