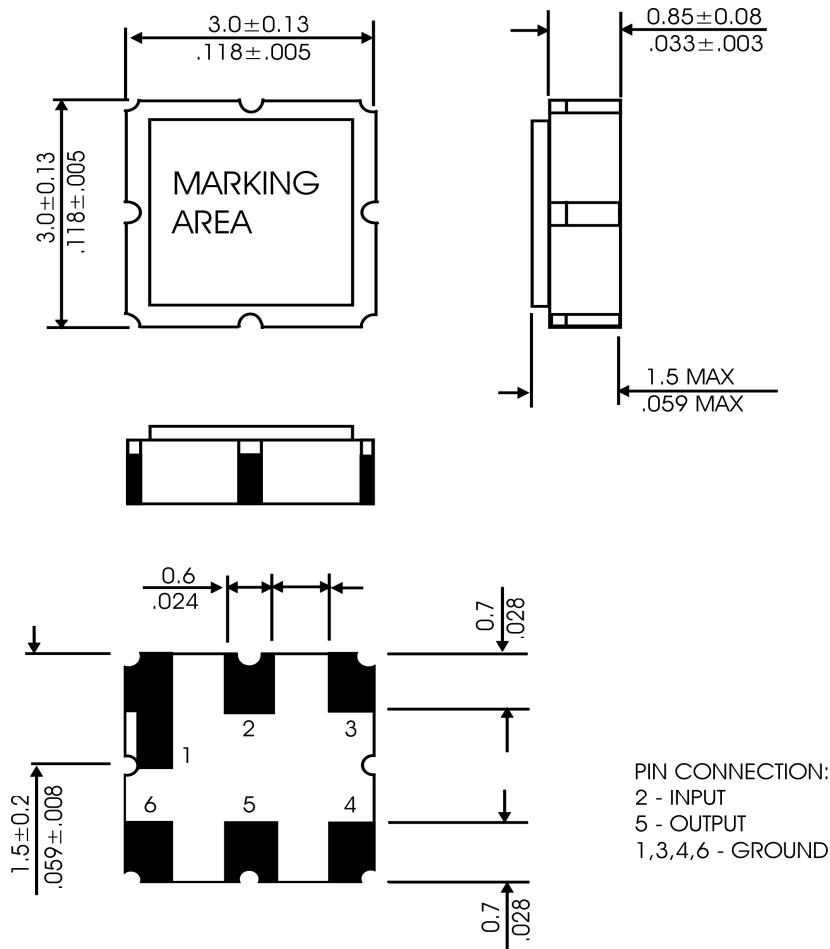
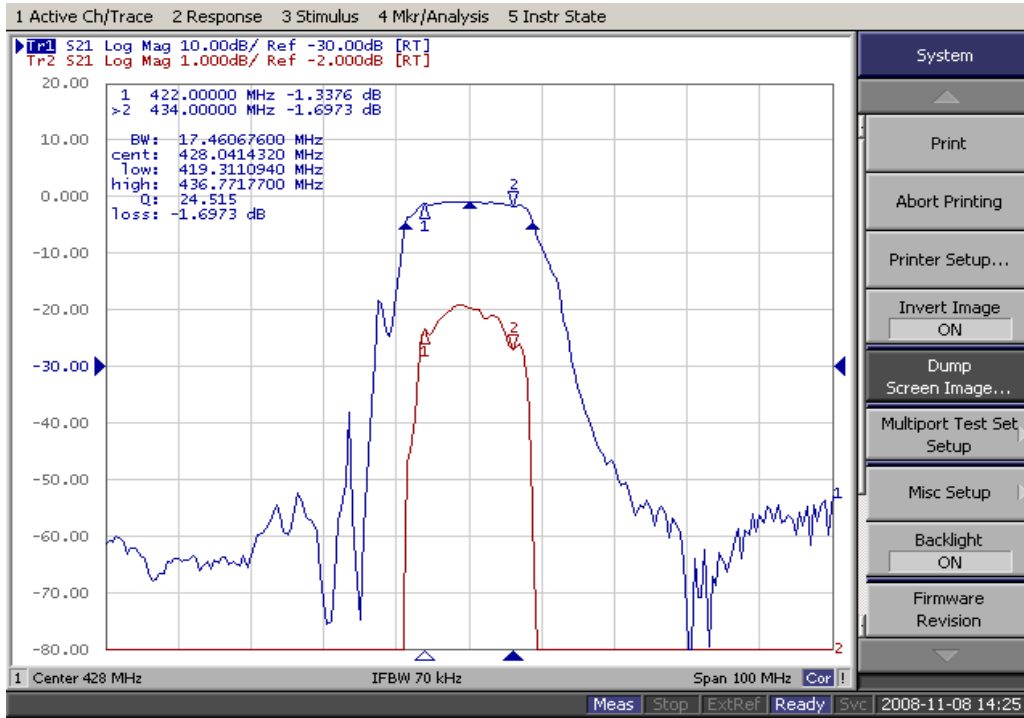


Items		Specification	Unit
Center frequency (Fo)		428.000	MHz
Bandwidth		12000	KHz
Pass band Ripple (p-p)		2.0	dB max
Relative Attenuation	378.0 MHz ~ 411.0 MHz	50	dB min
	411.5 MHz ~ 410.0 MHz	37	dB min
	414.8 MHz ~ 417.8 MHz	14	dB min
	422.0 MHz ~ 434.0 MHz	3.0	dB max
	449.0 MHz ~ 478 MHz	50	dB min
DC Voltage, maximum		10V	
RF Power Dissipation, maximum		0 dBm	
In/Out Impedance		50Ω	
Operation Temperature		-40°C to +85°C	
Storage Temperature		-45°C to +85°C	

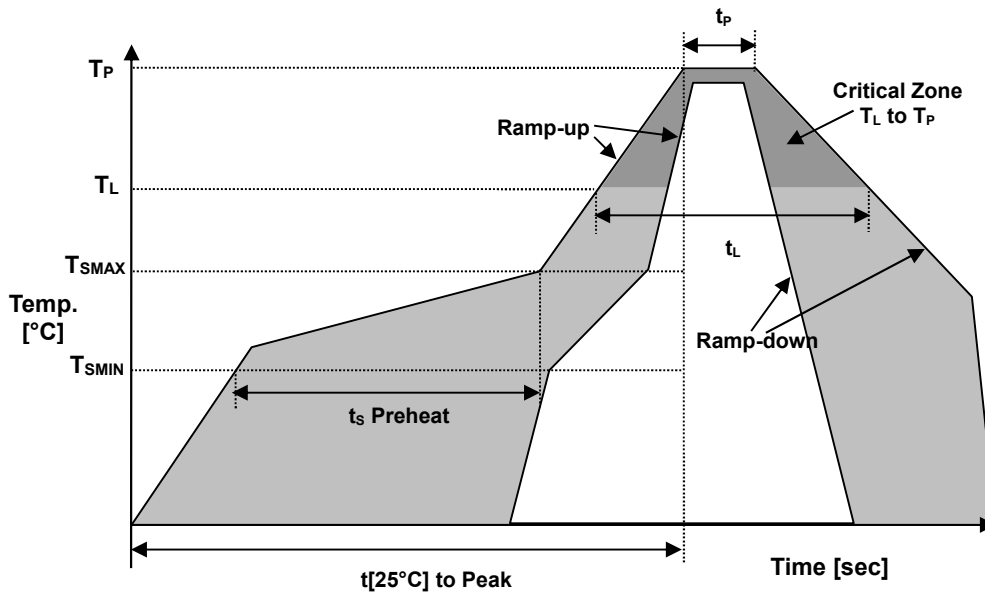
Dimension



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
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016