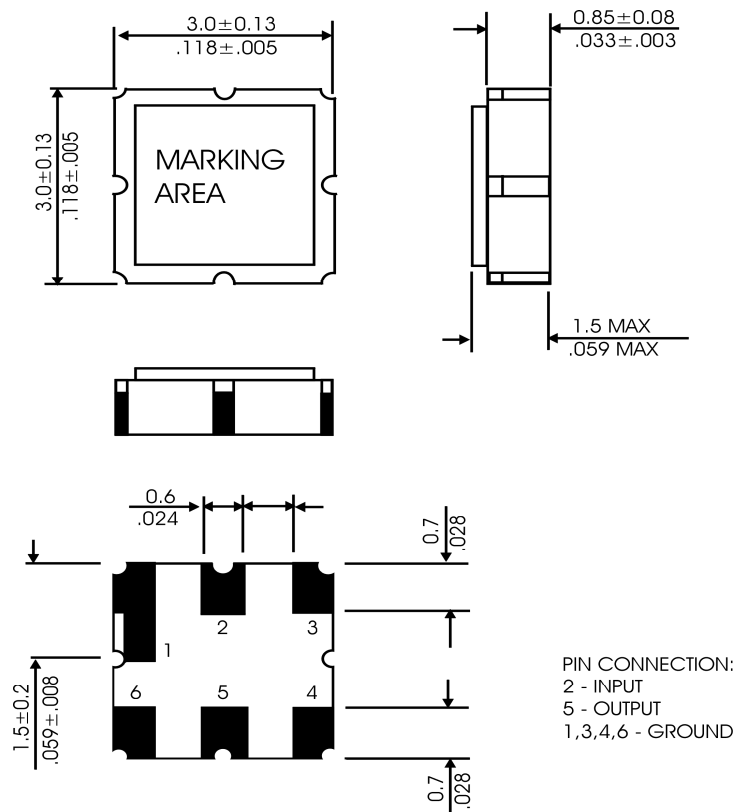


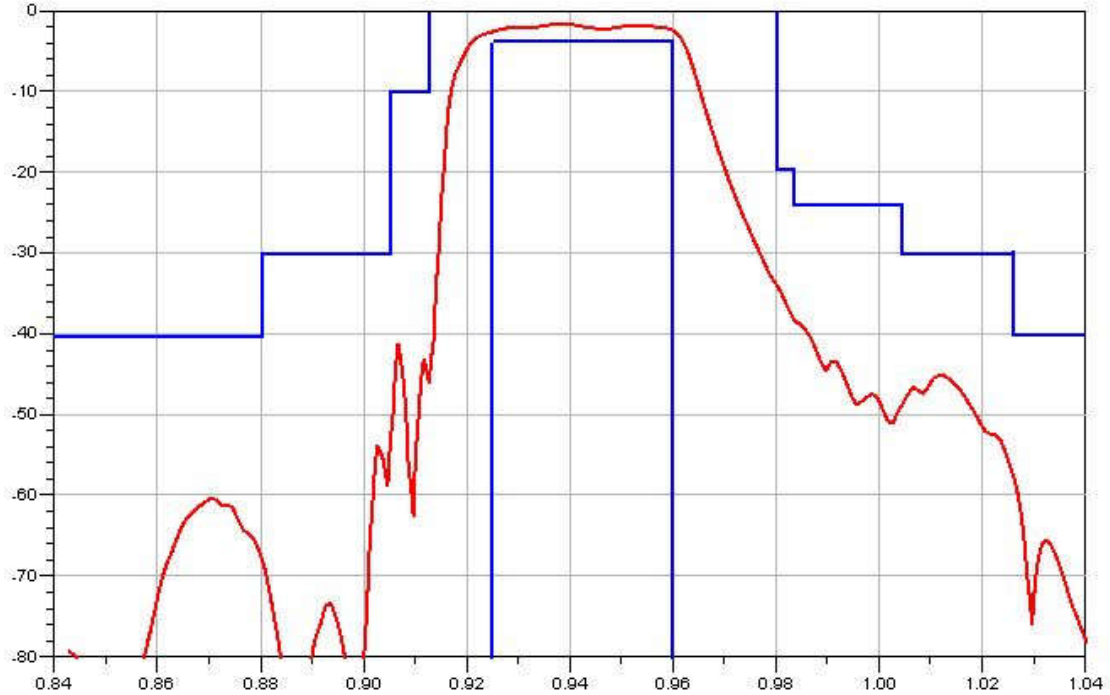
Items	Specification	Unit	
Center frequency (Fo)	942.500	MHz	
Bandwidth	35000	kHz	
Insertion Loss in BW	4.5 ⇐	dB Max	
Amplitude Ripple in BW	2.5	dB Max	
VSWR, Max in BW	2.5	--	
Absolute Attenuation	DC ~ 800 MHz	50	dB min
	800 MHz ~ 880 MHz	40	dB min
	880 MHz ~ 905 MHz	30	dB min
	905 MHz ~ 915 MHz	10	dB min
	980 MHz ~ 982 MHz	20	dB min
	982 MHz ~ 1005 MHz	23	dB min
	1005 MHz ~ 1025 MHz	30	dB min
	1025 MHz ~ 1760 MHz	40	dB min
1760 MHz ~ 2500 MHz	30	dB min	
RF Power	15 dBm Max		
DC Voltage	3 V Max		
In/Out Impedance	50 Ω		
Operation Temperature	-40°C to +85°C ⇐		
Storage Temperature	-40°C to +85°C		

Dimension

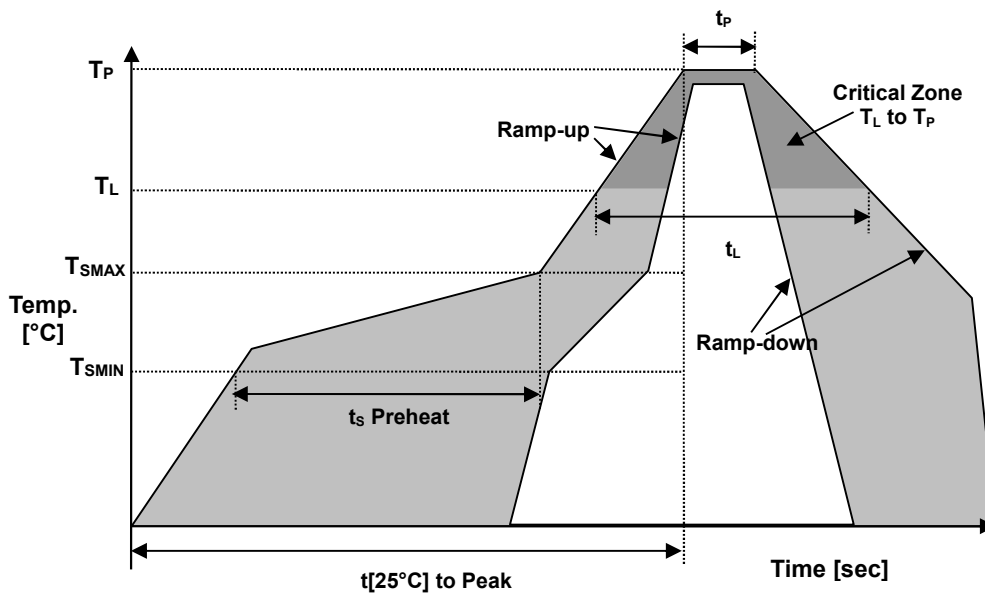


Frequency Characteristics

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