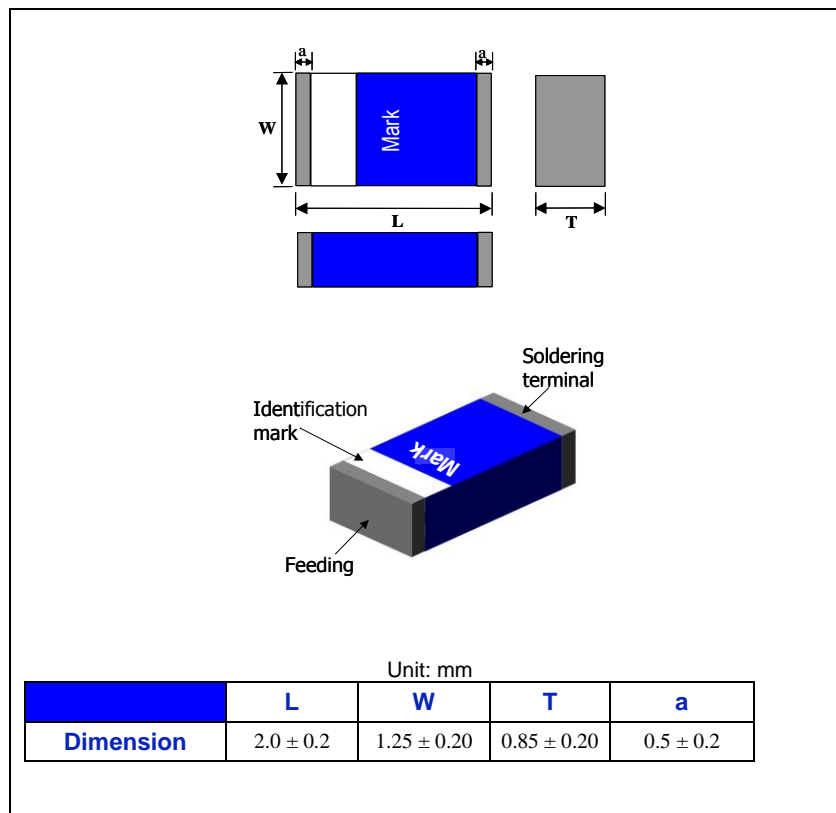
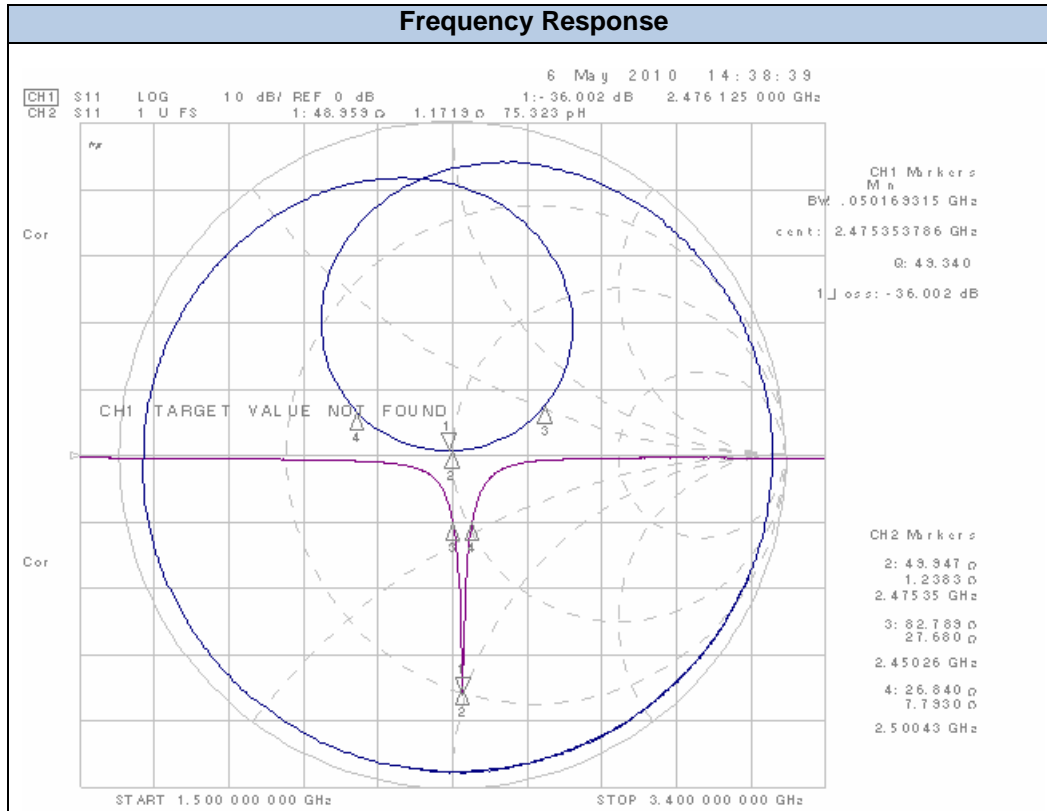


ELECTRICAL SPECIFICATION

SPECIFICATIONS	SPECIFICATIONS	UNIT
Frequency Range	2.450	GHz
Bandwidth, Maximum	100	MHz
Peak Gain, Typical	1.0	dBi
Average Gain, Typical	-3.0	dBi
VSWR (max)	2.5	--
Impedance	50	Ω
Power Capacity, Maximum	3	W
Operating Temperature	-40 ~ +85	$^{\circ}\text{C}$
Storage Temperature with <70% RH	-10 ~ +40	$^{\circ}\text{C}$

MECHANICAL SPECIFICATION



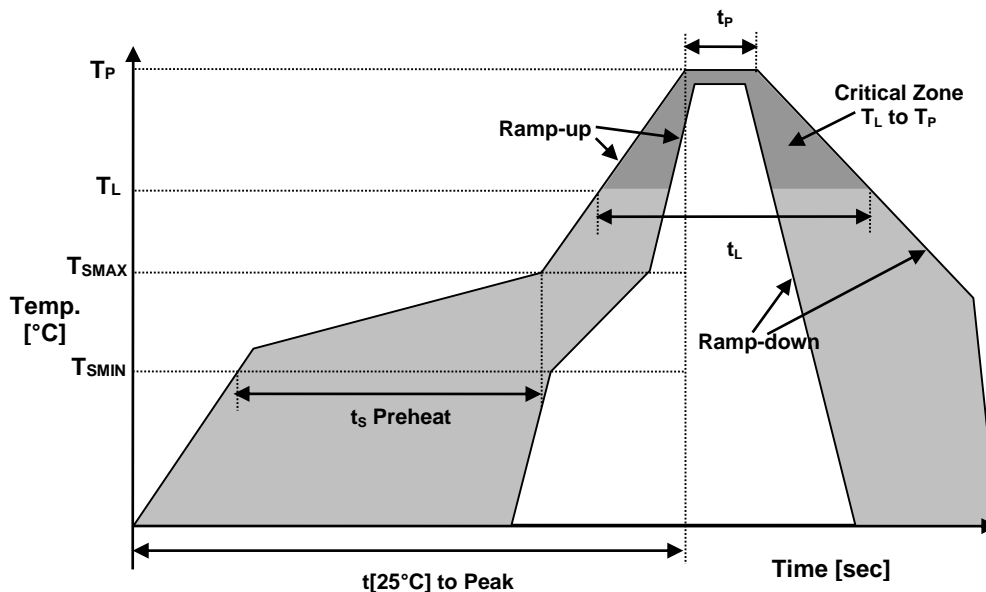


• ENVIRONMENTAL

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
RoHS2	6/6 COMPLIANT & LEAD FREE
REACH-SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
TERMINATION FINISH	Sn



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 max.
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. max.
Time $t_{[25^\circ\text{C}]}$ to Peak Temperature	$t_{[25^\circ\text{C}]}$ to Peak	480 sec.
Time	t_L	60-150 sec.

May, 2016