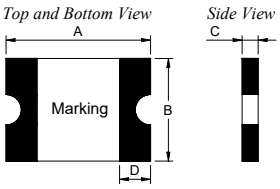
1、Physical Dimensions(size of 1812)

Unit:mm

Part Number	A		B		C		D	Marking
	Min	Max	Min	Max	Min	Max	Min	
K1812L260/16DR	4.37	4.73	3.07	3.41	**0.90**	**1.30**	0.30	T260



2、Electrical Characteristics

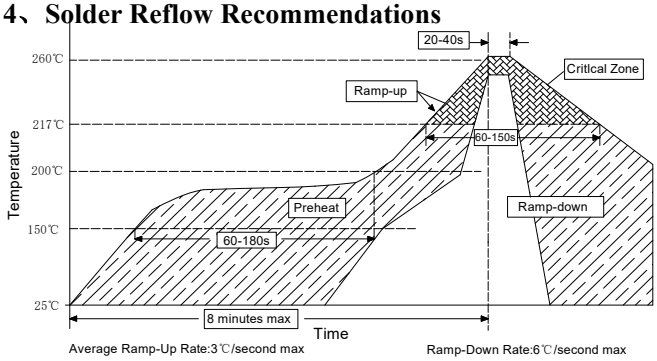
Part Number	I_H (A)	I_T (A)	V_{max} (V)	I_{max} (A)	T_{trip} (Max time to trip)		Pd_{typ} （W）	R_{min} (Ω)	$R1_{max}$ (Ω)
					Current(A)	Time(S)			
K1812L260/16DR	2.60	5.20	16	100	8.0	5.00	1.2	0.015	0.080

I_H: Holding Current: maximum current at which the device will not trip in 25℃ still air.
I_T: Tripping Current minimum current at which the device will trip in 25℃ still air.
V_{max}: Maximum voltage device can withstand without damage at rated current.
I_{max}: Maximum fault current device can withstand without damage at rated voltage.
T_{trip}: Maximum time to trip(s) at assigned current.
Pd_{typ}: Rated working power.
R_{min}: Minimum resistance of device prior to trip at 25℃.
$R1_{max}$: Maximum resistance of device is measured one hours post reflow at 25℃.
Noted: All electrical function test is conducted after PCB mounted.

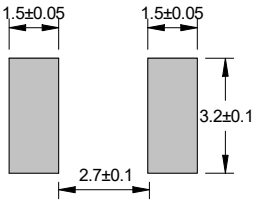
3、Thermal Derating

K1812L260/16DR	Maximum ambient operating temperature								
	-40℃	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
Hold Current(A)	4.00	3.52	3.06	2.60	2.34	2.08	1.95	1.39	1.04
Trip Current(A)	8.00	7.04	6.12	5.20	4.68	4.16	3.90	2.78	2.08

4、Solder Reflow Recommendations



Recommended Pad Layout(mm)



Notes:If reflow temperatures exceed the recommended profile,devices may not meet the performance requirements.

5、Package Information

Packing quantity:1500PCS/Reel

Note:Reel packaging per EIA-481-1 standard