

Side View

Top and Bottom View

A

Marking

1, Physical Dimensions(size of 1812)

1、 Physical Dimensions(size of 1812)								Unit:mm	
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Part Number	Min	Max	Min	Max	Min	Max	Min	Marking	
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 _{trij} (Max time Current(A)		Pd _{typ} (W)	${ m R}_{ m min}$ (Ω)	$\begin{array}{c} R1_{max} \\ (\Omega) \end{array}$
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°C still air.

I_T: Tripping Current minimum current at which the device will trip in 25° C 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°C.

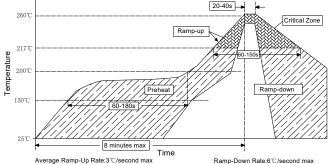
R1 max: Maximum resistance of device is measured one hours post reflow at 25°C.

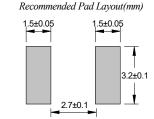
Noted: All electrical function test is conducted after PCB mounted.

3 Thermal Derating

	Maximum ambient operating temperature									
K1812L260/16DR	-40℃	- 20℃	0°C	25℃	40°C	50℃	60°C	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





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