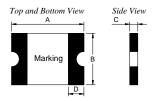
1. Physical Dimensions(size of 1812)

Unit:mm

Part Number	A		В		С		D	Montrino	
	Min	Max	Min	Max	Min	Max	Min	Marking	
K1812L200/12DR	4.37	4.73	3.07	3.41	0.60	1.00	0.30	T200	



2, Electrical Characteristics

Part Number	I _H (A)	I _T (A)	V _{max} (V)	I max (A)	Ttrip (Max time to trip) Current(A) Time(S)		Pd _{typ} (W)	R_{min} (Ω)	$R1_{max}$ (Ω)
K1812L200/12DR	2.00	4.00	12	100	8.0	3.00	1.2	0.020	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 $^{\circ}$ 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 $_{\text{min}}$: Minimum resistance of device prior to trip at 25 $^{\circ}\text{C}$.

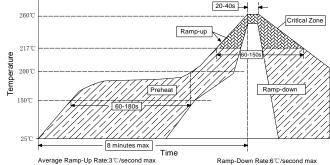
R1 $_{max}$: Maximum resistance of device is measured one hours post reflow at 25 $^{\circ}$ C.

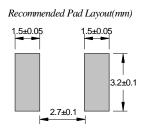
Noted: All electrical function test is conducted after PCB mounted.

3. Thermal Derating

K1812L200/12DR	Maximum ambient operating temperature									
K1012L200/12DIX	-40°C	-20°C	0℃	25℃	40°C	50°C	60°C	70℃	85℃	
Hold Current(A)	3.08	2.71	2.35	2.00	1.80	1.60	1.50	1.40	1.25	
Trip Current(A)	6.16	5.42	4.70	4.00	3.60	3.20	3.00	2.80	2.50	

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

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