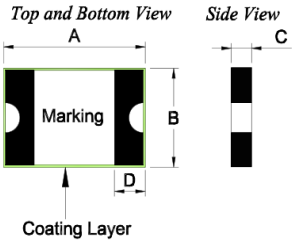
1、Physical Dimensions(size of 1812)

Unit:mm

Part Number	A*		B*		C		D	Marking
	Min	Max	Min	Max	Min	Max	Min	
KMSML300/16	4.37	5.15	3.07	3.75	0.45	1.05	0.30	T300



* Dimension is measured after coating

2、Electrical Characteristics

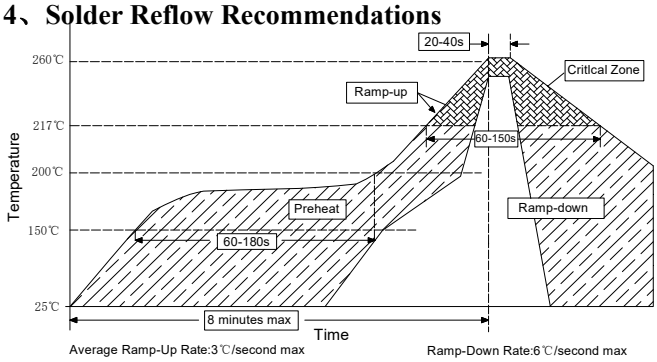
Part Number	I_H (A)	I_T (A)	V_{max} (V)	I_{max} (A)	T_{trip} (Max time to trip)		Pd_{typ} （W）	R_{min} (Ω)	$R1_{max}$ (Ω)
					Current (A)	Time (S)			
KMSML300/16	3.00	6.00	16	50	15.0	5.00	1.5	0.003	0.035

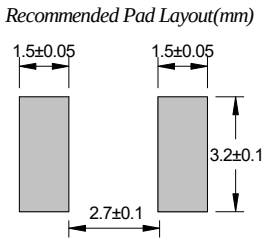
I_H: Holding Current: maximum current at which the device will not trip in 25℃ still air.
I_T: Tripping Current minimum current at which the device will trip in 25℃ still air.
V_{max}: Maximum voltage device can withstand without damage at rated current.
I_{max}: Maximum fault current device can withstand 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

KMSML300/16	Maximum ambient operating temperature								
	-40℃	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
Hold Current(A)	4.38	3.85	3.51	3.00	2.62	2.31	2.08	1.82	1.54
Trip Current(A)	8.76	7.70	7.02	6.00	5.24	4.62	4.16	3.64	3.08

4、Solder Reflow Recommendations





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

5、Package Information

Packing quantity:2000PCS/Reel

Note:Reel packaging per EIA-481-1 standard