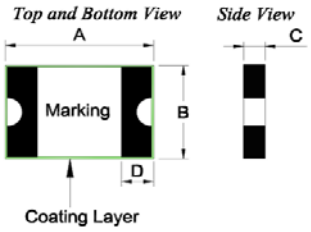
1、Physical Dimensions(size of 2920)

Unit:mm

Part Number	A*		B*		C		D	Marking
	Min	Max	Min	Max	Min	Max	Min	
LSML500/16TC	6.73	8.22	4.80	5.95	0.40	0.70	0.30	T500



* Dimension is measured after coating

2、Electrical Characteristics

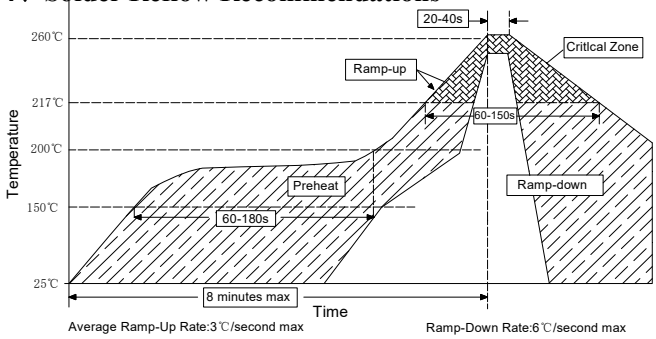
Part Number	I_H (A)	I_T (A)	V_{max} (V)	I_{max} (A)	T_{trip} (Max time to trip)		Pd_{typ} （W）	R_{min} (Ω)	$R1_{max}$ (Ω)
					Current(A)	Time(S)			
LSML500/16TC	5.00	10.0	16	50	25.0	7	1.5	0.001	0.012

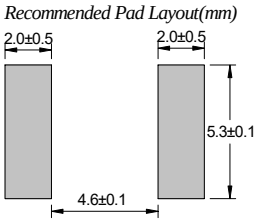
I_H: Holding Current: maximum current at which the device will not trip in 25℃ still air.
I_T: Tripping Current minimum current at which the device will trip in 25℃ still air.
V_{max}: Maximum voltage device can withstand without damage at rated current.
I_{max}: Maximum fault current device can withstand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

LSML500/16TC	Maximum ambient operating temperature								
	-40℃	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
Hold Current(A)	7.60	6.50	5.60	5.00	4.50	3.80	3.20	2.60	2.00
Trip Current(A)	15.2	13.0	11.2	10.0	9.00	7.60	6.40	5.20	4.00

4、Solder Reflow Recommendations





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

5、Package Information

Packing quantity:1500 PCS/Reel