

# POLYMER PTC RESETTABLE FUSE

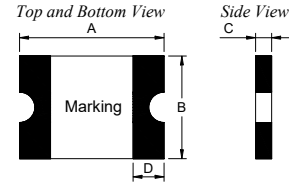


Part Number: TLC-LSMD400

## 1、 Physical Dimensions(size of 2920)

Unit:mm

Part Number	A		B		C		D	Marking
	Min	Max	Min	Max	Min	Max	Min	
TLC-LSMD400	6.73	7.98	4.80	5.44	<b>1.10</b>	<b>1.50</b>	0.30	T400



## 2、 Electrical Characteristics

Part Number	I <sub>H</sub> (A)	I <sub>T</sub>		V <sub>max</sub> (V)	I <sub>max</sub> (A)	T <sub>trip</sub> (Max time to trip)		P <sub>d typ</sub> (W)	R <sub>min</sub> (Ω)	R <sub>1 max</sub> (Ω)
		Current(A)	Time (S)			Current(A)	Time(S)			
TLC-LSMD400	4.00	8.00	50.0	16	40	20.0	5.0	1.5	0.007	0.035

I<sub>H</sub>: Holding Current: maximum current at which the device will not trip in 25°C still air.

I<sub>T</sub>: Tripping Current minimum current at which the device will trip in 25°C still air.

V<sub>max</sub>: Maximum voltage device can withstand without damage at rated current.

I<sub>max</sub>: Maximum fault current device can withstand without damage at rated voltage.

T<sub>trip</sub>: Maximum time to trip(s) at assigned current.

P<sub>d typ</sub>: Rated working power.

R<sub>min</sub>: Minimum resistance of device prior to trip at 25°C.

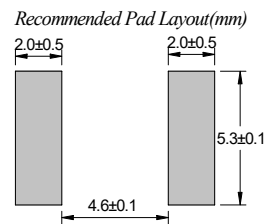
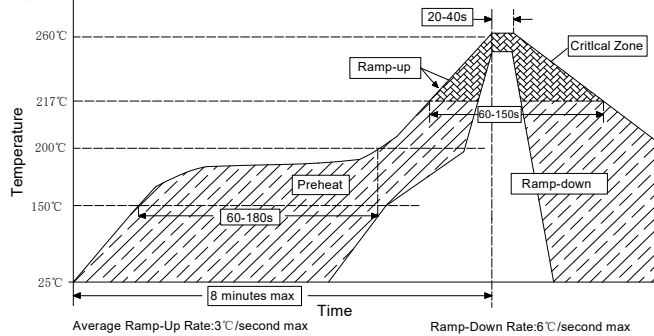
R<sub>1 max</sub>: Maximum resistance of device is measured one hours post reflow at 25°C.

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

## 3、 Thermal Derating

TLC-LSMD400	Maximum ambient operating temperature								
	-40°C	-20°C	0°C	25°C	40°C	50°C	60°C	70°C	85°C
Hold Current(A)	6.04	5.36	4.68	4.00	3.60	3.40	3.08	2.80	2.60
Trip Current(A)	12.08	10.72	9.36	8.00	7.20	6.80	6.16	5.60	5.20

## 4、 Solder Reflow Recommendations



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

## 5、 Package Information

Packing quantity: 1000PCS/Reel

Note: Reel packaging per EIA-481-2 standard

## 6、 Agency Recognition: TUV



Caution: Operation beyond the rated voltage or current may result in rupture electrical arcing or flame. Specifications are subject to change without notice.

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