

POLYMER PTC RESETTABLE FUSE

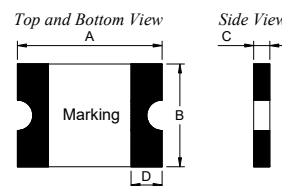


Part Number: TLC-LSMD260D

1、Physical Dimensions(size of 2920)

Unit:mm

Part Number	A		B		C		D		Marking
	Min	Max	Min	Max	Min	Max	Min	Max	
TLC-LSMD260D	6.73	7.98	4.80	5.44	0.70	1.30	0.30		T260



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)			
TLC-LSMD260D	2.60	5.20	24	100	8.0	18	1.5	0.014	0.075

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.

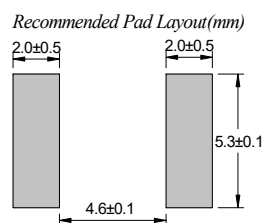
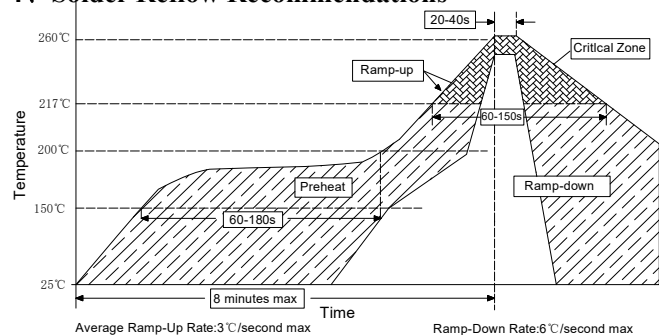
$R1_{max}$: Maximum resistance of device is measured one hours post reflow at 25°C.

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

3、Thermal Derating

TLC-LSMD260D	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)	3.93	3.48	3.04	2.60	2.34	2.21	2.00	1.82	1.69
Trip Current(A)	7.86	6.96	6.08	5.20	4.68	4.42	4.00	3.64	3.38

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: UL、CSA、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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