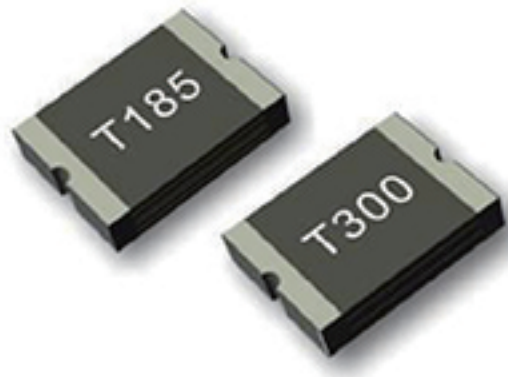


TLC-LSMD Series / PPTC Fuse



Features

- Surface Mount Devices
- Standard 2920mils(7555mm) footprint
- Surface mount packaging for automated assembly
- Compatible with Pb and Pb-free solder reflow profiles.

Applications

- Mobile phones- Battery and port protection
- PC motherboards – Plug and Play protection
- PDAs/Digital cameras
- USB port protection
- HDMI source protection
- Game console port protection



Electrical Characteristics

P/N	I _H (A)	I _T (A)	V _{max} (V)	I _{max} (A)	Maximum Time to trip		P _d type (w)	Resistance		Approval cURus
					(A)	(Sec.)		R _{min} (Ω)	R _{1max} (Ω)	
TLC-LSMD030	0.30	0.6	60	10	1.5	3.0	1.50	0.600	4.300	○
TLC-LSMD030/50	0.30	0.6	50	10	1.5	3.0	1.50	0.600	4.300	○
TLC-LSMD050	0.50	1.0	60	10	2.5	3.0	1.50	0.180	1.400	○
TLC-LSMD050/50	0.50	1.0	50	10	2.5	3.0	1.50	0.180	1.400	○
TLC-LSMD075	0.75	1.5	33	40	8.0	0.3	1.50	0.100	1.000	○
TLC-LSMD075/60	0.75	1.5	60	40	8.0	0.3	1.50	0.100	1.000	○
TLC-LSMD100	1.00	2.0	33	40	8.0	0.5	1.50	0.065	0.410	○
TLC-LSMD125	1.25	2.5	33	40	8.0	2.0	1.50	0.050	0.250	○
TLC-LSMD150	1.50	3.0	33	40	8.0	2.0	1.50	0.035	0.230	○
TLC-LSMD185	1.85	3.7	33	40	8.0	2.0	1.50	0.030	0.150	○
TLC-LSMD200	2.00	4.0	16	40	8.0	4.5	1.50	0.020	0.120	○
TLC-LSMD250	2.50	5.0	16	40	8.0	16.0	1.50	0.018	0.085	○
TLC-LSMD260	2.60	5.2	16	40	8.0	18.0	1.50	0.014	0.075	○
TLC-LSMD260/24	2.60	5.2	24	40	8.0	18.0	1.50	0.014	0.075	○
TLC-LSMD300	3.00	6.0	12	40	8.0	20.0	1.50	0.010	0.055	○
TLC-LSMD300D	3.00	6.0	24	40	8.0	20.0	1.50	0.010	0.055	○
TLC-LSMD350	3.50	7.0	16	40	8.0	35.0	1.50	0.009	0.045	○
TLC-LSMD400	4.00	8.0	16	40	8.0	50.0	1.50	0.007	0.035	○
TLC-LSMD400/24	4.00	8.0	24	40	8.0	50.0	1.50	0.007	0.035	○
TLC-LSMD450	4.50	9.0	16	40	22.5	5.0	1.50	0.005	0.020	○

Note:

I_H: Maximum current at which the device will not trip in 25°C still air.

I_T: 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.

P_d typ: Rated working power.

R_{min}: Minimum resistance of device prior to trip at 25°C.

R_{1max}: Maximum resistance of device measured one hour after tripping at 25°C.

Ordering Information

Series	Hold Current	Max. Voltage	Qty
TLC-LSMD			

