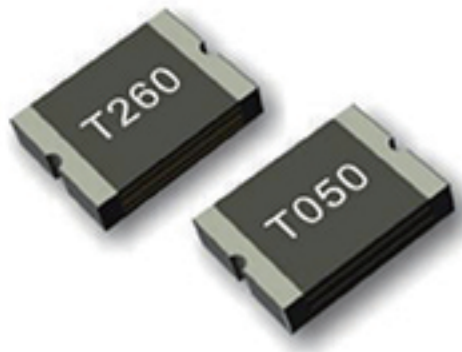


# TLC-MSMD Series / PPTC Fuse



## Features

- Surface Mount Devices
- Standard 4532mm(1812mils) footprint
- Surface mount packaging for automated assembly
- Compatible with Pb and Pb-free solder

## Applications

- Over-current and over-temperature protection of automotive electronics
- PC motherboards, Hard disk driver
- POS Equipment
- USB port protection
- HDMI source protection

## Electrical Characteristics

P/N	I <sub>H</sub> (A)	I <sub>T</sub> (A)	V <sub>max</sub> (V)	I <sub>max</sub> (A)	Maximum Time to trip		P <sub>d</sub> type (w)	Resistance		Approval cURus
					(A)	(Sec.)		R <sub>min</sub> (Ω)	R <sub>1max</sub> (Ω)	
TLC-MSMD010	0.10	0.30	60	10	0.5	1.50	0.8	0.700	15.000	●
TLC-MSMD010/50	0.10	0.30	50	10	0.5	1.50	0.8	0.700	15.000	○
TLC-MSMD014	0.14	0.34	60	10	1.5	0.15	0.8	0.400	6.500	●
TLC-MSMD014/50	0.14	0.34	50	10	1.5	0.15	0.8	0.400	6.500	○
TLC-MSMD020	0.20	0.40	30	10	8.0	0.20	0.8	0.750	5.000	●
TLC-MSMD020/60	0.20	0.40	60	10	1.5	0.15	0.8	0.400	6.000	●
TLC-MSMD020/50	0.20	0.40	50	10	1.5	0.15	0.8	0.400	6.000	○
TLC-MSMD030	0.30	0.60	30	10	8.0	0.10	0.8	0.300	3.000	●
TLC-MSMD050	0.50	1.00	15	40	8.0	0.15	0.8	0.150	1.000	●
TLC-MSMD050/16	0.50	1.00	16	40	8.0	0.15	0.8	0.150	1.000	○
TLC-MSMD050/30	0.50	1.00	30	40	8.0	0.15	0.8	0.150	1.000	○
TLC-MSMD075	0.75	1.50	16	40	8.0	0.20	0.8	0.110	0.450	●
TLC-MSMD075-P	0.75	1.50	16	100	8.0	0.20	0.8	0.110	0.450	○
TLC-MSMD075/24	0.75	1.50	24	40	8.0	0.20	0.8	0.110	0.450	●
TLC-MSMD075/33	0.75	1.50	33	40	8.0	0.20	0.8	0.110	0.450	●
TLC-MSMD110	1.10	2.20	6	100	8.0	0.30	0.8	0.040	0.225	●
TLC-MSMD110/8	1.10	2.20	8	100	8.0	0.30	0.8	0.040	0.225	○
TLC-MSMD110/12	1.10	2.20	12	100	8.0	0.30	0.8	0.040	0.225	○
TLC-MSMD110/16	1.10	2.20	16	100	8.0	0.50	0.8	0.040	0.225	●
TLC-MSMD110/24	1.10	2.20	24	100	8.0	0.50	1.2	0.055	0.180	●
TLC-MSMD110/33	1.10	2.20	33	100	8.0	0.50	1.2	0.055	0.180	○
TLC-MSMD125	1.25	2.50	6	40	8.0	0.40	0.8	0.035	0.140	●
TLC-MSMD125/8	1.25	2.50	8	100	8.0	0.40	0.8	0.035	0.140	○
TLC-MSMD125/12	1.25	2.50	12	100	8.0	0.40	0.8	0.035	0.140	○
TLC-MSMD125/16	1.25	2.50	16	100	8.0	0.40	0.8	0.035	0.140	○
TLC-MSMD125-P	1.25	2.50	16	100	8.0	0.40	0.8	0.035	0.140	○
TLC-MSMD150	1.50	3.00	6	100	8.0	0.50	0.8	0.030	0.120	●
TLC-MSMD150/8	1.50	3.00	8	100	8.0	0.50	0.8	0.030	0.120	○
TLC-MSMD150/12	1.50	3.00	12	100	8.0	0.50	1.0	0.030	0.120	●
TLC-MSMD150/16	1.50	3.00	16	100	8.0	0.50	1.0	0.030	0.120	○
TLC-MSMD150/24	1.50	3.00	24	100	8.0	1.50	1.2	0.030	0.140	●
TLC-MSMD160/6	1.60	3.20	6	100	8.0	1.00	1.0	0.025	0.120	○
TLC-MSMD160	1.60	3.20	8	100	8.0	1.00	1.0	0.025	0.120	●
TLC-MSMD160/12	1.60	3.20	12	100	8.0	1.00	1.0	0.025	0.120	●
TLC-MSMD160/16	1.60	3.20	16	100	8.0	1.00	1.0	0.025	0.120	●

