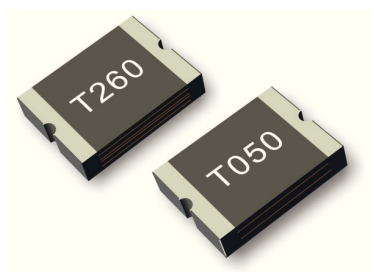


### Features

- ◆ Surface Mount Devices
- ◆ Standard 4532mm(1812mils) footprint
- ◆ Surface mount packaging for automated assembly
- ◆ Compatible with Pb and Pb-free solder Re flow profiles.
- ◆ RoHS, Reach, HF compliance

### Applications

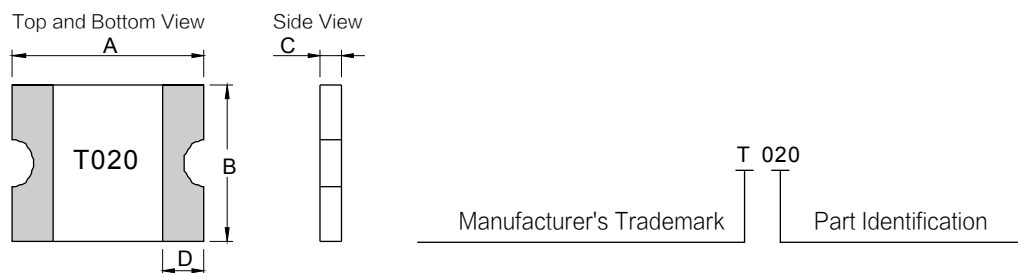
- ◆ Over current and over temperature protection of automotive electronics
- ◆ PC motherboards, Hard disk driver, and PC peripherals
- ◆ POS Equipment
- ◆ USB port protection
- ◆ HDMI source protection



### 电气特性：

P/N	保持电流	跳脱电流	最大电压	最大电流	最大动作时间		消耗功率	电阻范围 (Ω)	
	$I_H$ (A)	$I_T$ (A)	$V_{max}$ (V)	$I_{max}$ (A)	(A)	(Sec.)	$P_{d\ typ}$ (W)	$R_{min}$	$R1_{max}$
KMSMD010	0.10	0.30	60	10	0.5	1.50	0.8	0.700	15.00
KMSMD014	0.14	0.34	60	10	1.5	0.15	0.8	0.400	6.50
KMSMD020	0.20	0.40	30	10	8.0	0.20	0.8	0.750	5.00
KMSMD020/60	0.20	0.40	60	10	1.5	0.15	0.8	0.400	6.000
KMSMD030	0.30	0.60	30	10	8.0	0.10	0.8	0.300	3.000
KMSMD035	0.35	0.70	16	40	8.0	0.10	0.8	0.200	1.800
KMSMD050	0.50	1.00	15	40	8.0	0.15	0.8	0.150	1.000
KMSMD075	0.75	1.50	16	40	8.0	0.20	0.8	0.110	0.450
KMSMD075/24	0.75	1.50	24	40	8.0	0.20	0.8	0.110	0.450
KMSMD075/33	0.75	1.50	33	40	8.0	0.20	0.8	0.110	0.450
KMSMD110	1.10	2.20	6	100	8.0	0.30	0.8	0.040	0.225
KMSMD110/16	1.10	2.20	16	100	8.0	0.50	0.8	0.040	0.225
KMSMD110/24	1.10	2.20	24	100	8.0	0.50	1.2	0.055	0.180
KMSMD125	1.25	2.50	6	40	8.0	0.40	0.8	0.035	0.140
KMSMD150	1.50	3.00	6	100	8.0	0.50	0.8	0.030	0.120
KMSMD150/12	1.50	3.00	12	100	8.0	0.50	1.0	0.030	0.120
KMSMD150/16	1.50	3.00	16	100	8.0	0.50	0.8	0.030	0.120
KMSMD150/24	1.50	3.00	24	100	8.0	1.50	1.2	0.030	0.140
KMSMD160	1.60	3.20	8	100	8.0	1.00	1.0	0.025	0.120
KMSMD160/12	1.60	3.20	12	100	8.0	1.00	1.0	0.025	0.120
KMSMD160/16	1.60	3.20	16	40	8.0	1.00	1.0	0.025	0.120
KMSMD200	2.00	4.00	8	100	8.0	3.00	1.2	0.020	0.080
KMSMD250/16	2.50	5.00	16	100	8.0	5.00	1.2	0.015	0.100
KMSMD260	2.60	5.20	6	100	8.0	5.00	1.2	0.015	0.080
KMSMD300	3.00	6.00	6	100	8.0	5.00	1.2	0.012	0.060

产品尺寸 (Unit: mm) :

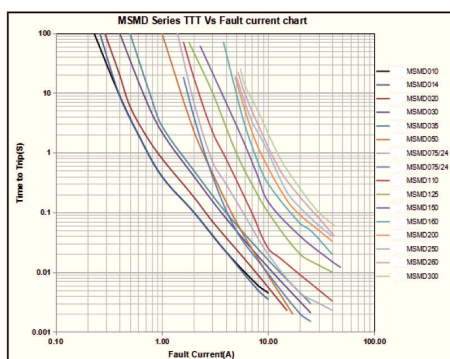


P/N	Marking (标识)	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
KMSMD010	T010	4.37	4.73	3.07	3.41	0.80	1.20	0.30
KMSMD014	T014	4.37	4.73	3.07	3.41	0.80	1.20	0.30
KMSMD020	T020	4.37	4.73	3.07	3.41	0.80	1.20	0.30
KMSMD020/60	T020	4.37	4.73	3.07	3.41	0.80	1.20	0.30
KMSMD030	T030	4.37	4.73	3.07	3.41	0.80	1.20	0.30
KMSMD035	T035	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD050	T050	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD075	T075	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD075/24	T075	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD075/33	T075	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD110	T110	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD110/16	T110	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD110/24	T110	4.37	4.73	3.07	3.41	0.80	1.20	0.30
KMSMD125	T125	4.37	4.73	3.07	3.41	0.45	0.85	0.30
KMSMD150	T150	4.37	4.73	3.07	3.41	0.45	0.85	0.30
KMSMD150/12	T150	4.37	4.73	3.07	3.41	0.45	0.85	0.30
KMSMD150/16	T150	4.37	4.73	3.07	3.41	0.45	0.85	0.30
KMSMD150/24	T150	4.37	4.73	3.07	3.41	1.20	1.70	0.30
KMSMD160	T160	4.37	4.73	3.07	3.41	0.45	0.85	0.30
KMSMD160/12	T160	4.37	4.73	3.07	3.41	0.45	0.85	0.30
KMSMD160/16	T160	4.37	4.73	3.07	3.41	0.45	0.85	0.30
KMSMD200	T200	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD250/16	T250	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD260	T260	4.37	4.73	3.07	3.41	0.60	1.00	0.30
KMSMD300	T300	4.37	4.73	3.07	3.41	0.60	1.00	0.30

环境温度与工作电流关系特性曲线：

P/N	工作环境温度								
	-40℃	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
KMSMD010	0.16	0.14	0.12	0.10	0.08	0.07	0.06	0.05	0.03
KMSMD014	0.23	0.19	0.17	0.14	0.12	0.10	0.09	0.08	0.06
KMSMD020	0.29	0.26	0.23	0.20	0.17	0.15	0.14	0.12	0.10
KMSMD020/60	0.29	0.26	0.23	0.20	0.17	0.15	0.14	0.12	0.10
KMSMD030	0.44	0.39	0.35	0.30	0.26	0.23	0.21	0.18	0.15
KMSMD035	0.51	0.46	0.41	0.35	0.30	0.27	0.25	0.21	0.18
KMSMD050	0.77	0.68	0.59	0.50	0.44	0.40	0.37	0.33	0.29
KMSMD075	1.15	1.01	0.88	0.75	0.65	0.60	0.55	0.49	0.43
KMSMD075/24	1.15	1.01	0.88	0.75	0.65	0.60	0.55	0.49	0.43
KMSMD075/33	1.15	1.01	0.88	0.75	0.65	0.60	0.55	0.49	0.43
KMSMD110	1.59	1.43	1.26	1.10	0.95	0.87	0.80	0.71	0.60
KMSMD110/16	1.59	1.43	1.26	1.10	0.95	0.87	0.80	0.71	0.60
KMSMD110/24	2.00	1.70	1.40	1.10	0.95	0.88	0.80	0.73	0.61
KMSMD125	1.80	1.63	1.43	1.25	1.08	0.99	0.91	0.81	0.68
KMSMD150	2.17	1.95	1.72	1.50	1.30	1.18	1.09	0.97	0.82
KMSMD150/12	2.17	1.95	1.72	1.50	1.30	1.18	1.09	0.97	0.82
KMSMD150/16	2.17	1.95	1.72	1.50	1.30	1.18	1.09	0.97	0.82
KMSMD150/24	2.17	1.95	1.72	1.50	1.30	1.18	1.09	0.97	0.82
KMSMD160	2.30	2.20	1.90	1.60	1.45	1.30	1.15	1.03	0.91
KMSMD160/12	2.30	2.20	1.90	1.60	1.45	1.30	1.15	1.03	0.91
KMSMD160/16	2.30	2.20	1.90	1.60	1.45	1.30	1.15	1.03	0.91
KMSMD200	3.08	2.71	2.35	2.00	1.80	1.60	1.50	1.40	1.25
KMSMD250/16	3.85	3.45	3.00	2.50	2.05	1.85	1.75	1.30	1.10
KMSMD260	4.00	3.52	3.06	2.60	2.34	2.08	1.95	1.39	1.04
KMSMD300	4.40	3.90	3.50	3.00	2.60	2.30	2.10	1.80	1.50

动作电流时间曲线表：



The Time to Trip curves represent typical performance of a device in a simulated application environment. Actual performance in specific customer applications may differ from these values due to the influence of other variables.

标准包装数量：

Model	Q' t y/Reel
KMSMD150/24	1000pcs
KMSMD010~KMSMD035,KMSMD110/24	1500pcs
KMSMD200~KMSMD300	1500pcs
KMSMD050~KMSMD160	2000pcs

Note: Reel packaging per EIA-481-1 standard