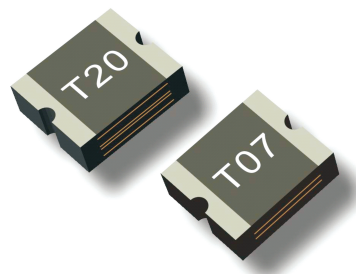


### Features

- ◆ Surface Mount Devices
- ◆ Standard 1210mils footprint
- ◆ Surface mount packaging for automated assembly
- ◆ Compatible with Pb and Pb-free solder reflow profiles.
- ◆ RoHS, Reach, HF compliance

### Applications

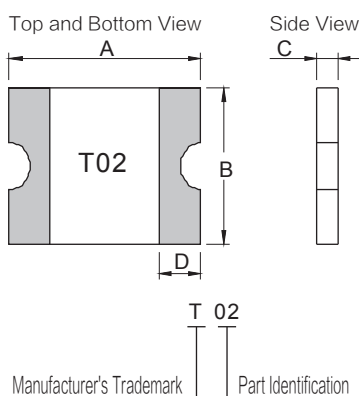
- ◆ Mobile phones
- ◆ PC motherboards
- ◆ IEEE1394 ports
- ◆ USB port protection
- ◆ HDMI source protection
- ◆ Game console port protection



### 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)	$R_{min}$	$R1_{max}$
KUSMD005	0.05	0.15	30	10	0.25	1.50	0.60	2.80	50.00
KUSMD010	0.10	0.30	30	10	0.50	0.60	0.60	0.80	15.00
KUSMD020	0.20	0.40	30	10	8.00	0.02	0.60	0.40	5.00
KUSMD035	0.35	0.75	6	40	8.00	0.20	0.60	0.20	1.30
KUSMD050	0.50	1.00	13.2	40	8.00	0.10	0.60	0.18	0.90
KUSMD075	0.75	1.50	6	40	8.00	0.10	0.60	0.07	0.45
KUSMD110	1.10	2.20	6	40	8.00	0.30	0.60	0.05	0.24
KUSMD150	1.50	3.00	6	40	8.00	0.50	0.60	0.03	0.11
KUSMD175	1.75	4.00	6	40	8.00	1.00	0.70	0.02	0.09
KUSMD200	2.00	4.00	6	40	8.00	1.00	0.70	0.02	0.09

### 产品尺寸 (Unit: mm) :

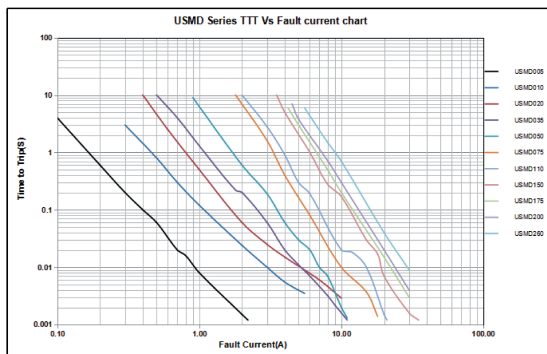


P/N	Marking (标识)	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
KUSMD005	T0	3.00	3.43	2.35	2.80	0.80	1.20	0.30
KUSMD010	T01	3.00	3.43	2.35	2.80	0.80	1.20	0.30
KUSMD020	T02	3.00	3.43	2.35	2.80	0.80	1.20	0.30
KUSMD035	T03	3.00	3.43	2.35	2.80	0.60	1.00	0.30
KUSMD050	T05	3.00	3.43	2.35	2.80	0.60	1.00	0.30
KUSMD075	T07	3.00	3.43	2.35	2.80	0.60	1.00	0.30
KUSMD110	T11	3.00	3.43	2.35	2.80	0.45	0.85	0.30
KUSMD150	T15	3.00	3.43	2.35	2.80	0.60	1.00	0.30
KUSMD175	T20	3.00	3.43	2.35	2.80	0.60	1.00	0.30
KUSMD200	T20	3.00	3.43	2.35	2.80	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℃
KUSMD005	0.08	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02
KUSMD010	0.15	0.13	0.12	0.10	0.09	0.08	0.07	0.06	0.05
KUSMD020	0.32	0.28	0.24	0.20	0.18	0.16	0.14	0.12	0.10
KUSMD035	0.51	0.46	0.40	0.35	0.30	0.27	0.24	0.22	0.18
KUSMD050	0.76	0.66	0.58	0.50	0.42	0.38	0.35	0.29	0.23
KUSMD075	1.10	0.97	0.86	0.75	0.64	0.58	0.55	0.47	0.39
KUSMD110	1.60	1.42	1.26	1.10	0.94	0.86	0.80	0.70	0.58
KUSMD150	2.30	2.02	1.76	1.50	1.24	1.11	1.00	0.85	0.65
KUSMD175	2.55	2.26	2.00	1.75	1.50	1.37	0.98	0.86	0.71
KUSMD200	3.20	2.80	2.40	2.00	1.80	1.60	1.40	1.20	1.00

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
KUSMD005~KUSMD020; KUSMD150~KUSMD200	3500pcs
KUSMD035~KUSMD110	4000pcs

Note: Reel packaging per EIA-481-1 standard