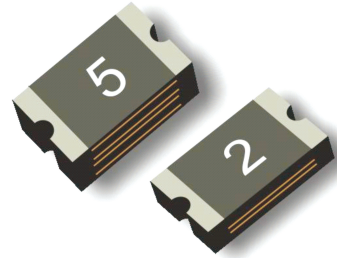


Features

- ◆ Surface Mount Devices
- ◆ Standard 0805mils footprint
- ◆ Surface mount packaging for automated assembly
- ◆ Compatible with Pb and Pb-free solder re flow profiles.
- ◆ RoHS, Reach, HF compliance

Applications

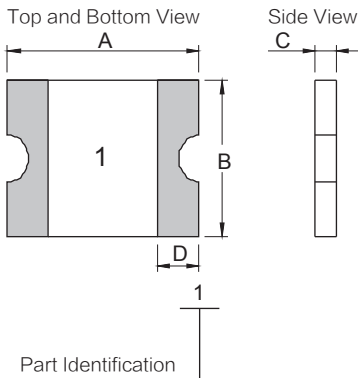
- ◆ Mobile phones
- ◆ PC motherboards
- ◆ PDAS/Digital cameras
- ◆ USB port protection
- ◆ HDMI source protection
- ◆ Game console port protection



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.)	Pd_{typ} , (W)	R_{min}	$R1_{max}$
KPSMD010/24	0.10	0.30	24.0	100	0.5	1.50	0.50	1.000	7.500
KPSMD010	0.10	0.30	15.0	100	0.5	1.50	0.50	1.000	7.50
KPSMD020	0.20	0.50	9.0	100	8.0	0.02	0.50	0.650	3.500
KPSMD035	0.35	0.75	6.0	100	8.0	0.10	0.50	0.250	1.200
KPSMD050	0.50	1.00	6.0	100	8.0	0.10	0.50	0.150	0.900
KPSMD075	0.75	1.50	6.0	100	8.0	0.20	0.60	0.090	0.350
KPSMD100	1.00	2.00	6.0	100	8.0	0.30	0.60	0.060	0.250
KPSMD110	1.10	2.20	6.0	100	8.0	0.30	0.60	0.060	0.210

产品尺寸 (Unit: mm) :

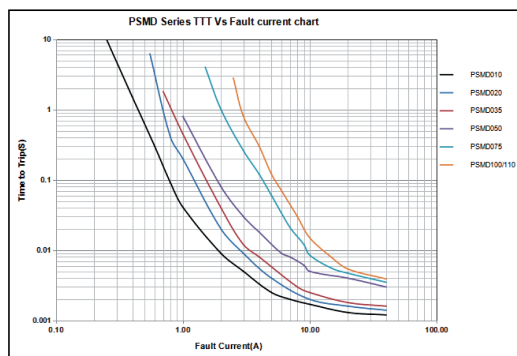


P/N	Marking (标识)	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
KPSMD010/24	1	2.00	2.30	1.20	1.50	0.55	0.95	0.20
KPSMD010	1	2.00	2.30	1.20	1.50	0.55	0.95	0.20
KPSMD020	2	2.00	2.30	1.20	1.50	0.55	0.95	0.20
KPSMD035	3	2.00	2.30	1.20	1.50	0.40	0.80	0.20
KPSMD050	4	2.00	2.30	1.20	1.50	0.40	0.80	0.20
KPSMD075	5	2.00	2.30	1.20	1.50	0.60	1.00	0.20
KPSMD100	6	2.00	2.30	1.20	1.50	0.60	1.00	0.20
KPSMD110	6	2.00	2.30	1.20	1.50	0.60	1.00	0.20

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℃
KPSMD010/24	0.15	0.13	0.12	0.10	0.09	0.08	0.07	0.06	0.05
KPSMD010	0.15	0.13	0.12	0.10	0.09	0.08	0.07	0.06	0.05
KPSMD020	0.28	0.25	0.23	0.20	0.17	0.14	0.12	0.10	0.07
KPSMD035	0.47	0.44	0.39	0.35	0.30	0.27	0.24	0.20	0.14
KPSMD050	0.68	0.62	0.55	0.50	0.40	0.37	0.33	0.29	0.23
KPSMD075	1.00	0.90	0.79	0.75	0.63	0.57	0.53	0.42	0.35
KPSMD100	1.45	1.35	1.20	1.00	0.92	0.84	0.75	0.65	0.52
KPSMD110	1.45	1.35	1.20	1.10	0.92	0.84	0.75	0.65	0.52

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
KPSMD010/KPSMD010/24/KPSMD020/KPSMD075/KPSMD100/KPSMD110	3500pcs
KPSMD035/KPSMD050	4500pcs

Note: Reel packaging per EIA-481-1 standard