

Features

- ◆ Surface Mount Devices
- ◆ Standard 0805mils footprint
- ◆ Surface mount packaging for automated assembly
- ◆ Compatible with Pb and Pb-free solder reflow profiles.
- ◆ Agency recognition: UL approved

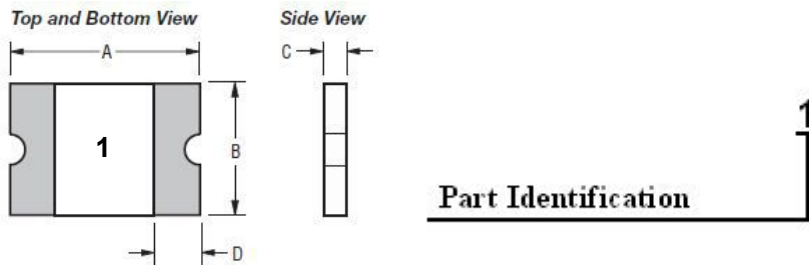
Applications

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

Electrical Characteristics (电气特性):

P/N	UL	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}	$R1_{max}$
K0805L010/24AR	×	0.10	0.30	24.0	100	0.5	1.50	0.50	1.000	7.500
K0805L010AR	×	0.10	0.30	15.0	100	0.5	1.50	0.50	1.000	7.500
K0805L020AR	×	0.20	0.50	9.0	100	8.0	0.02	0.50	0.650	3.500
K0805L035BR	×	0.35	0.75	6.0	100	8.0	0.10	0.50	0.250	1.200
K0805L050BR	×	0.50	1.00	6.0	100	8.0	0.10	0.50	0.150	0.900
K0805L075AR	×	0.75	1.50	6.0	100	8.0	0.20	0.60	0.090	0.350
K0805L100AR	×	1.00	2.00	6.0	100	8.0	0.30	0.60	0.060	0.250
K0805L110AR	×	1.10	2.20	6.0	100	8.0	0.30	0.60	0.060	0.210

Product Dimensions & Marking (Unit: mm) (产品尺寸):



P/N	Marking (标识)	A		B		C		D
		Min.(最小)	Max.(最大)	Min.(最小)	Max.(最大)	Min.(最小)	Max.(最大)	Min.(最小)
K0805L010/24AR	1	2.00	2.30	1.20	1.50	0.55	0.95	0.20
K0805L010AR	1	2.00	2.30	1.20	1.50	0.55	0.95	0.20
K0805L020AR	2	2.00	2.30	1.20	1.50	0.55	0.95	0.20
K0805L035BR	3	2.00	2.30	1.20	1.50	0.40	0.80	0.20
K0805L050BR	4	2.00	2.30	1.20	1.50	0.40	0.80	0.20
K0805L075AR	5	2.00	2.30	1.20	1.50	0.75	1.25	0.20
K0805L100AR	6	2.00	2.30	1.20	1.50	0.75	1.25	0.20
K0805L110AR	6	2.00	2.30	1.20	1.50	0.75	1.25	0.20

Thermal Derating Chart – I_{hold} (Amps) (环境温度与工作电流关系特性曲线)

P/N	Ambient Operating Temperature(工作环境温度)								
	-40°C	-20°C	0°C	25°C	40°C	50°C	60°C	70°C	85°C
K0805L010/24AR	0.15	0.13	0.12	0.10	0.09	0.08	0.07	0.06	0.05
K0805L010AR	0.15	0.13	0.12	0.10	0.09	0.08	0.07	0.06	0.05
K0805L020AR	0.28	0.25	0.23	0.20	0.17	0.14	0.12	0.10	0.07
K0805L035BR	0.47	0.44	0.39	0.35	0.30	0.27	0.24	0.20	0.14
K0805L050BR	0.68	0.62	0.55	0.50	0.40	0.37	0.33	0.29	0.23
K0805L075AR	1.00	0.90	0.79	0.75	0.63	0.57	0.53	0.42	0.35
K0805L100AR	1.45	1.35	1.20	1.00	0.92	0.84	0.75	0.65	0.52
K0805L110AR	1.45	1.35	1.20	1.10	0.92	0.84	0.75	0.65	0.52

Package information (包装信息):

P/N	Packing Q'ty Pcs/Reel
K0805L010/24AR	3500
K0805L010AR	3500
K0805L020AR	3500
K0805L035BR	4500
K0805L050BR	4500
K0805L075AR	3500
K0805L100AR	3500
K0805L110AR	3500