

Features

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

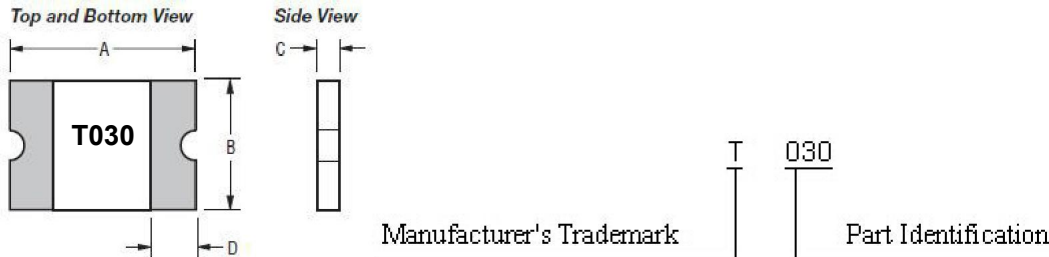
Applications

- ◆ Mobile phones- Battery and port protection
- ◆ PC motherboards – Plug and Play protection
- ◆ PDAs/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.)	Pd _{typ} (W)	R _{min}	R1 _{max}
K2920L030DR	X	0.30	0.60	60	10	1.50	3.0	1.50	0.600	4.300
K2920L050DR	X	0.50	1.00	60	10	2.50	3.0	1.50	0.180	1.400
K2920L075DR	X	0.75	1.50	33	40	8.00	0.30	1.50	0.100	1.000
K2920L100DR	X	1.00	2.00	33	40	8.00	0.50	1.50	0.065	0.410
K2920L125DR	X	1.25	2.50	33	40	8.00	2.0	1.50	0.050	0.250
K2920L150MR	X	1.50	3.00	33	40	8.00	2.0	1.50	0.035	0.230
K2920L185MR	X	1.85	3.70	33	40	8.00	2.0	1.50	0.030	0.150
K2920L300PR	X	3.00	6.00	12	40	8.00	20.0	1.50	0.010	0.055
K2920L300DMR	X	3.00	6.00	24	40	8.00	20.0	1.50	0.010	0.055
K2920L450MR	X	4.50	9.00	16	40	22.5	5.0	1.50	0.005	0.020

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)
K2920L030DR	T030	6.73	7.98	4.80	5.44	0.75	1.15	0.30
K2920L050DR	T050	6.73	7.98	4.80	5.44	0.75	1.15	0.30
K2920L075DR	T075	6.73	7.98	4.80	5.44	0.65	1.05	0.30
K2920L100DR	T100	6.73	7.98	4.80	5.44	0.65	1.05	0.30
K2920L125DR	T125	6.73	7.98	4.80	5.44	0.65	1.05	0.30
K2920L150MR	T150	6.73	7.98	4.80	5.44	1.00	1.40	0.30
K2920L185MR	T185	6.73	7.98	4.80	5.44	1.00	1.40	0.30
K2920L300PR	T300	6.73	7.98	4.80	5.44	0.45	0.85	0.30
K2920L300DMR	T300	6.73	7.98	4.80	5.44	0.90	1.30	0.30
K2920L450MR	T450	6.73	7.98	4.80	5.44	0.80	1.20	0.30

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℃	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
K2920L030DR	0.45	0.40	0.35	0.30	0.25	0.23	0.20	0.17	0.14
K2920L050DR	0.76	0.67	0.59	0.50	0.42	0.38	0.33	0.29	0.23
K2920L075DR	1.13	1.01	0.88	0.75	0.62	0.56	0.50	0.44	0.34
K2920L100DR	1.66	1.47	1.29	1.00	0.91	0.83	0.73	0.64	0.50
K2920L125DR	1.89	1.68	1.46	1.25	1.04	0.94	0.83	0.73	0.56
K2920L150MR	2.27	2.01	1.76	1.50	1.25	1.13	1.00	0.87	0.74
K2920L185MR	2.80	2.47	2.17	1.85	1.54	1.39	1.22	1.07	0.85
K2920L300PR	4.53	4.02	3.51	3.00	2.52	2.26	1.99	1.75	1.34
K2920L300DMR	4.53	4.02	3.51	3.00	2.52	2.26	1.99	1.75	1.34
K2920L450MR	6.80	6.03	5.27	4.5	4.05	3.83	3.47	3.15	2.93

Packing information (包装信息)

P/N	Packing Q'ty Pcs/Reel
K2920L030DR	1500
K2920L050DR	1500
K2920L075DR	1500
K2920L100DR	1500
K2920L125DR	1500
K2920L150MR	1000
K2920L185MR	1000
K2920L300PR	2000
K2920L300DMR	1000
K2920L450MR	1000