

FUSES

电路保护元器件专业制造商

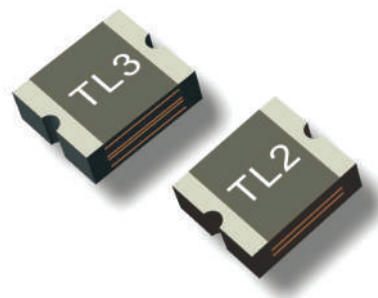
USML1210 Series

Features

- ◆ Fully compatible with current industry standards ◆
- Very low internal resistance
- ◆ UL(E352136), C-UL(E352136), TUV(R50306076) ◆
- RoHS, Reach, HF compliance

Applications

- ◆ Any application that requires protection at low resistances ◆
- Cellular phones
- ◆ Laptop computers
- ◆ Rechargeable battery pack 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}	$R1_{max}$
TLC-USML110	1.10	2.50	6.00	50.00	8.00	2.00	1.20	0.010	0.060
TLC-USML150	1.50	3.00	6.00	50.00	8.00	2.00	1.20	0.007	0.045
TLC-USML175	1.75	3.50	6.00	50.00	8.00	2.50	1.20	0.006	0.040
TLC-USML190	1.90	3.80	6.00	50.00	8.00	3.00	1.20	0.006	0.035
TLC-USML200	2.00	4.00	6.00	50.00	8.00	3.00	1.20	0.006	0.035
TLC-USML260	2.60	5.20	6.00	50.00	8.00	5.00	1.20	0.003	0.025
TLC-USML300	3.00	6.00	6.00	50.00	8.00	5.00	1.20	0.003	0.020
TLC-USML350	3.50	7.00	6.00	50.00	8.00	5.00	1.20	0.002	0.018
TLC-USML380	3.80	7.60	6.00	50.00	8.00	5.00	1.20	0.002	0.018
TLC-USML400	4.00	8.00	6.00	50.00	8.00	5.00	1.20	0.002	0.018
TLC-USML450	4.50	9.00	6.00	50.00	22.50	2.00	1.50	0.001	0.012
TLC-USML500	5.00	10.00	6.00	50.00	25.00	2.00	1.50	0.001	0.012
TLC-USML550	5.50	11.00	6.00	50.00	27.50	2.00	1.50	0.001	0.010
TLC-USML600	6.00	12.00	6.00	50.00	30.00	5.00	1.50	0.001	0.010
TLC-USML650	6.50	13.00	6.00	50.00	32.50	2.00	1.50	0.001	0.010
TLC-USML700	7.00	14.00	6.00	50.00	35.00	2.00	1.50	0.0007	0.009
TLC-USML750	7.50	15.00	6.00	50.00	37.50	2.00	1.50	0.0007	0.009

PPTC RESETTALBE

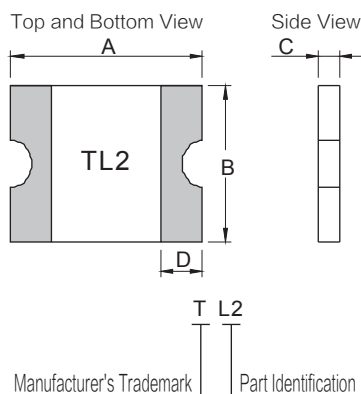
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Revision: A
Date: 2018-04-24
No.: 1 OF 2

USML1210 Series

产品尺寸 (Unit: mm) :

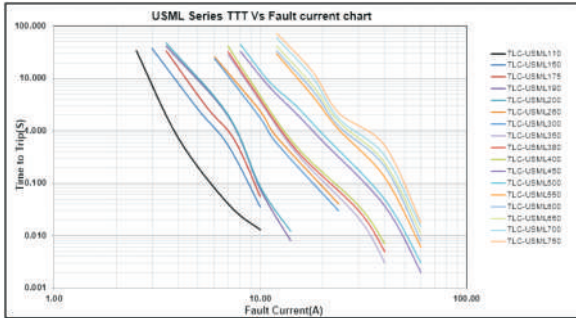


P/N	Marking (标识)	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
TLC-USML110	TL1	3.00	3.50	2.35	2.80	0.50	0.90	0.25
TLC-USML150	T15	3.00	3.50	2.35	2.80	0.50	0.90	0.25
TLC-USML175	T17	3.00	3.50	2.35	2.80	0.50	0.90	0.25
TLC-USML190	T19	3.00	3.50	2.35	2.80	0.50	0.90	0.25
TLC-USML200	TL2	3.00	3.50	2.35	2.80	0.50	0.90	0.25
TLC-USML260	T26	3.00	3.50	2.35	2.80	0.40	0.80	0.25
TLC-USML300	TL3	3.00	3.50	2.35	2.80	0.40	0.80	0.25
TLC-USML350	TL5	3.00	3.50	2.35	2.80	0.40	0.80	0.25
TLC-USML380	T38	3.00	3.50	2.35	2.80	0.40	0.80	0.25
TLC-USML400	T40	3.00	3.50	2.35	2.80	0.40	0.80	0.25
TLC-USML450	T45	3.00	3.50	2.35	2.80	0.40	0.80	0.25
TLC-USML500	TL6	3.00	3.50	2.35	2.80	0.40	0.80	0.25
TLC-USML550	T55	3.00	3.50	2.35	2.80	0.70	1.05	0.25
TLC-USML600	TL7	3.00	3.50	2.35	2.80	0.70	1.05	0.25
TLC-USML650	T65	3.00	3.50	2.35	2.80	0.70	1.05	0.25
TLC-USML700	TL8	3.00	3.50	2.35	2.80	0.70	1.05	0.25
TLC-USML750	T75	3.00	3.50	2.35	2.80	0.70	1.05	0.25

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℃
TLC-USML110	1.54	1.43	1.27	1.10	0.94	0.77	0.72	0.66	0.50
TLC-USML150	2.10	1.95	1.73	1.50	1.28	1.05	0.98	0.90	0.68
TLC-USML175	2.45	2.28	2.01	1.75	1.49	1.23	1.14	1.05	0.79
TLC-USML190	2.66	2.47	2.19	1.90	1.62	1.33	1.24	1.14	0.86
TLC-USML200	2.80	2.60	2.30	2.00	1.70	1.40	1.30	1.20	0.90
TLC-USML260	3.64	3.38	2.99	2.60	2.21	1.82	1.69	1.56	1.17
TLC-USML300	4.20	3.90	3.45	3.00	2.55	2.10	1.95	1.80	1.35
TLC-USML350	4.90	4.55	4.03	3.50	2.98	2.45	2.28	2.10	1.58
TLC-USML380	5.32	4.94	4.37	3.80	3.23	2.66	2.47	2.28	1.71
TLC-USML400	5.60	5.20	4.60	4.00	3.40	2.80	2.60	2.40	1.80
TLC-USML450	6.30	5.85	5.18	4.50	3.83	3.15	2.93	2.70	2.03
TLC-USML500	7.00	6.50	5.75	5.00	4.25	3.50	3.25	3.00	2.25
TLC-USML550	7.70	7.15	6.33	5.50	4.68	3.85	3.58	3.30	2.48
TLC-USML600	8.40	7.80	6.90	6.00	5.10	4.20	3.90	3.60	2.70
TLC-USML650	9.10	8.45	7.48	6.50	5.53	4.55	4.23	3.90	2.93
TLC-USML700	9.80	9.10	8.05	7.00	5.95	4.90	4.55	4.20	3.15
TLC-USML750	10.50	9.75	8.63	7.50	6.38	5.25	4.88	4.50	3.38

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'ty/Reel
TLC-USML110~TLC-USML500	4000pcs
TLC-USML550~TLC-USML750	3500pcs

Note: Reel packaging per EIA-481-1 standard

6、Agency Recognition:



Caution: Operation beyond the rated voltage or current may result in rupture electrical arcing or flame. Specifications are subject to change without notice.