

FUSES

电路保护元器件专业制造商

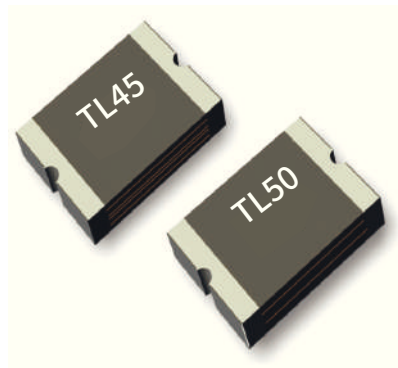
MSML1812 Series

Features

- ◆ Fully compatible with current industry standards ◆
- Very low internal resistance
- ◆ UL(E352136), C-UL(E352136), TUV(R50322001) ◆
- RoHS, Reach, HF compliance

Applications

- ◆ Any application that requires protection at low resistances ◆
- Cellular phones
- ◆ Laptop computers
- ◆ Rechargeable battery pack protection.



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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-MSML190	1.90	5.00	6	50	8.00	5.00	1.50	0.004	0.024
TLC-MSML200	2.00	5.00	6	50	8.00	5.00	1.50	0.004	0.024
TLC-MSML250	2.50	6.00	6	50	8.00	5.00	1.50	0.003	0.020
TLC-MSML300	3.00	6.50	6	50	8.00	5.00	1.50	0.003	0.018
TLC-MSML350	3.50	7.00	6	50	8.00	5.00	1.50	0.003	0.015
TLC-MSML380	3.80	7.60	6	50	8.00	5.00	1.50	0.003	0.015
TLC-MSML400	4.00	8.00	6	50	8.00	5.00	1.50	0.002	0.013
TLC-MSML450	4.50	9.00	6	50	22.5	2.00	1.50	0.002	0.013
TLC-MSML500	5.0	10.0	6	50	25.0	2.00	1.50	0.002	0.012
TLC-MSML550	5.5	11.0	6	50	27.5	2.00	1.50	0.002	0.012
TLC-MSML600	6.0	12.0	6	50	30.0	2.00	1.80	0.001	0.010
TLC-MSML650	6.5	13.0	6	50	32.5	2.00	1.80	0.001	0.010
TLC-MSML700	7.0	14.0	6	50	35.0	2.00	1.80	0.0007	0.010
TLC-MSML750	7.5	15.0	6	50	37.5	2.00	1.80	0.0006	0.008
TLC-MSML800	8.0	16.0	6	50	40.0	2.00	1.80	0.0006	0.008
TLC-MSML850	8.5	17.0	6	50	42.5	2.00	2.00	0.0006	0.007
TLC-MSML900	9.0	18.0	6	50	45.0	2.00	2.00	0.0006	0.007

PPTC RESETTALBE

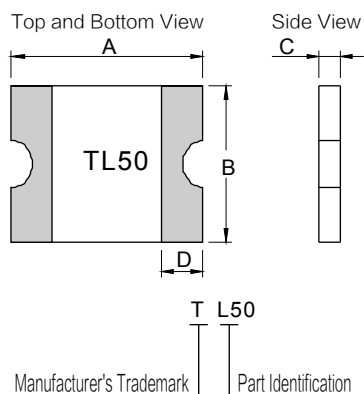
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Revision: A
Date: 2018-04-24
No.: 1 OF 2

MSML1812 Series

产品尺寸 (Unit: mm) :



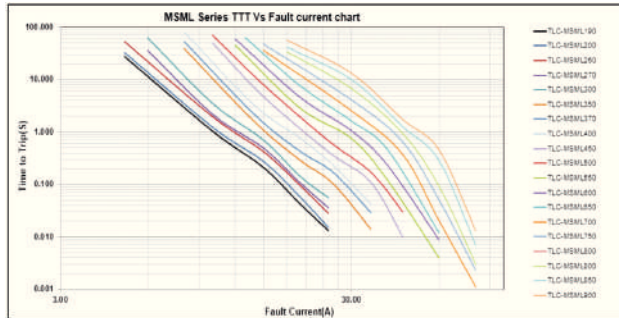
P/N	Marking (标识)	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
TLC-MSML190	TL19	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML200	TL20	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML250	TL25	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML300	TL30	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML350	TL35	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML380	TL38	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML400	TL40	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML450	TL45	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML500	TL50	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML550	TL55	4.37	4.73	3.07	3.41	0.40	0.80	0.30
TLC-MSML600	TL60	4.37	4.73	3.07	3.41	0.70	1.20	0.30
TLC-MSML650	TL65	4.37	4.73	3.07	3.41	0.70	1.20	0.30
TLC-MSML700	TL70	4.37	4.73	3.07	3.41	0.70	1.20	0.30
TLC-MSML750	TL75	4.37	4.73	3.07	3.41	0.70	1.20	0.30
TLC-MSML800	TL80	4.37	4.73	3.07	3.41	0.70	1.20	0.30
TLC-MSML850	TL85	4.37	4.73	3.07	3.41	0.70	1.20	0.30
TLC-MSML900	TL90	4.37	4.73	3.07	3.41	0.70	1.20	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℃
TLC-MSML190	2.66	2.47	2.22	1.90	1.62	1.43	1.24	1.05	0.76
TLC-MSML200	2.80	2.60	2.30	2.00	1.70	1.50	1.30	1.10	0.80
TLC-MSML250	3.50	3.25	2.88	2.50	2.13	1.88	1.63	1.38	1.00
TLC-MSML300	4.00	3.90	3.45	3.00	2.55	2.25	1.95	1.65	1.20
TLC-MSML350	4.90	4.55	4.03	3.50	2.98	2.63	2.28	1.93	1.40
TLC-MSML400	5.60	5.20	4.60	4.00	3.40	3.00	2.60	2.20	1.60
TLC-MSML450	6.30	5.85	5.18	4.50	3.83	3.38	2.93	2.48	1.80
TLC-MSML500	7.00	6.50	5.75	5.00	4.25	3.75	3.25	2.75	2.00
TLC-MSML550	7.70	7.15	6.33	5.50	4.68	4.13	3.58	3.03	2.40
TLC-MSML600	8.40	7.80	6.90	6.00	5.10	4.50	3.90	3.30	2.40
TLC-MSML650	9.10	8.45	7.48	6.50	5.53	4.88	4.23	3.58	2.60
TLC-MSML700	9.80	9.10	8.05	7.00	5.95	5.25	4.55	3.85	2.80
TLC-MSML750	10.50	9.75	8.63	7.50	6.43	5.76	5.17	4.66	3.75
TLC-MSML800	11.20	10.40	9.20	8.00	6.80	6.00	5.20	4.40	3.20
TLC-MSML850	11.90	11.05	9.78	8.50	7.23	6.38	5.53	4.68	3.40
TLC-MSML900	12.60	11.70	10.35	9.00	7.65	6.75	5.85	4.95	3.60

MSML1812 Series

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-MSML190~TLC-MSML550	2000pcs
TLC-MSML600~TLC-MSML900	1500pcs

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.