

PPTC RESETTABLE

FUSES

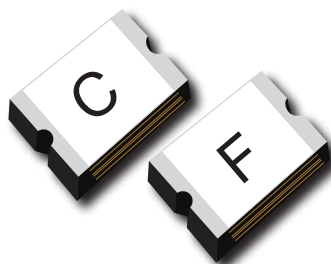
FSML0603 Series

Features

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

Applications

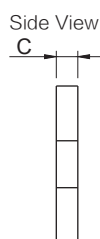
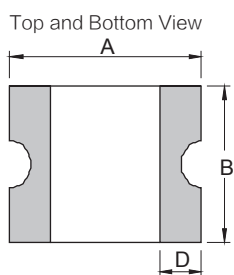
- ◆ Any application that requires protection at low resistances
- ◆ Cellular phones
- ◆ Laptop computers
- ◆ Rechargeable battery pack protection.



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.)	Pd_{typ} (W)	R_{min}	$R1_{max}$
TLC-FSML035	0.35	0.75	6.00	50.00	8.00	0.10	0.50	0.200	1.000
TLC-FSML050	0.50	1.00	6.00	50.00	8.00	0.10	0.50	0.060	0.350
TLC-FSML075	0.75	1.50	6.00	50.00	8.00	0.20	0.50	0.040	0.250
TLC-FSML100	1.00	2.00	6.00	50.00	8.00	0.30	0.50	0.030	0.120
TLC-FSML110	1.10	2.20	6.00	50.00	8.00	0.30	0.50	0.025	0.110
TLC-FSML125	1.25	2.50	6.00	50.00	8.00	0.40	0.50	0.015	0.095
TLC-FSML150	1.50	3.00	6.00	50.00	8.00	0.50	0.50	0.010	0.080
TLC-FSML175	1.75	3.50	6.00	50.00	8.00	0.60	0.50	0.008	0.070
TLC-FSML200	2.00	4.00	6.00	50.00	8.00	2.00	0.50	0.006	0.065
TLC-FSML250	2.50	5.00	6.00	50.00	8.00	3.00	0.60	0.004	0.050
TLC-FSML260	2.60	5.20	6.00	50.00	8.00	3.00	0.60	0.004	0.045
TLC-FSML300	3.00	6.00	6.00	50.00	8.00	5.00	0.60	0.003	0.040

产品尺寸 (Unit: mm) :



P/N	Marking (标识)	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
TLC-FSML035	C	1.45	1.85	0.65	1.05	0.35	0.75	0.20
TLC-FSML050	F	1.45	1.85	0.65	1.05	0.35	0.75	0.20
TLC-FSML075	H	1.45	1.85	0.65	1.05	0.35	0.75	0.20
TLC-FSML100	I	1.45	1.85	0.65	1.05	0.35	0.75	0.20
TLC-FSML110	I	1.45	1.85	0.65	1.05	0.35	0.75	0.20
TLC-FSML125	J	1.45	1.85	0.65	1.05	0.35	0.75	0.20
TLC-FSML150	L	1.45	1.85	0.65	1.05	0.35	0.75	0.20
TLC-FSML175	O	1.45	1.85	0.65	1.05	0.35	0.75	0.20
TLC-FSML200	S	1.45	1.85	0.65	1.05	0.35	0.75	0.20
TLC-FSML250	T	1.45	1.85	0.65	1.05	0.65	0.95	0.20
TLC-FSML260	T	1.45	1.85	0.65	1.05	0.65	0.95	0.20
TLC-FSML300	Z	1.45	1.85	0.65	1.05	0.65	0.95	0.20

PPTC RESETTALBE

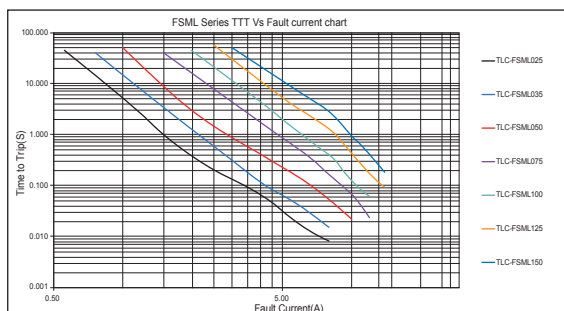
FUSES

FSML0603 Series

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-FSML035	0.49	0.46	0.40	0.35	0.30	0.26	0.23	0.19	0.14
TLC-FSML050	0.70	0.65	0.58	0.50	0.43	0.38	0.33	0.28	0.20
TLC-FSML075	1.05	0.98	0.86	0.75	0.64	0.56	0.49	0.41	0.30
TLC-FSML100	1.40	1.30	1.15	1.00	0.85	0.75	0.65	0.55	0.40
TLC-FSML110	1.54	1.43	1.27	1.10	0.94	0.83	0.72	0.61	0.44
TLC-FSML125	1.75	1.63	1.44	1.25	1.06	0.94	0.81	0.69	0.50
TLC-FSML150	2.10	1.95	1.73	1.50	1.28	1.13	0.98	0.83	0.60
TLC-FSML175	2.45	2.28	2.01	1.75	1.49	1.31	1.14	0.96	0.70
TLC-FSML200	2.80	2.60	2.30	2.00	1.70	1.50	1.30	1.10	0.80
TLC-FSML250	3.50	3.25	2.88	2.50	2.13	1.88	1.63	1.38	1.00
TLC-FSML260	3.64	3.38	2.99	2.60	2.21	1.95	1.69	1.43	1.04
TLC-FSML300	4.20	3.90	3.45	3.00	2.55	2.25	1.95	1.65	1.20

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-FSML035~TLC-FSML200	5000pcs
TLC-FSML250~TLC-FSML300	4000pcs

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.