

Features

- ◆ SMD
- ◆ Fully compatible with current industry standards
- ◆ Very low internal resistance
- ◆ Nickel terminals
- ◆ RoHS Compliant
- ◆ Agency recognition: on Approval.

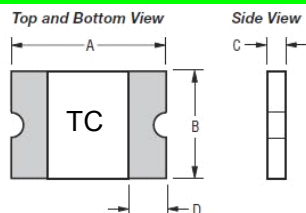
Applications

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

Electrical Characteristics (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)	$R_{min.}$	$R1_{max.}$
NSML050	0.50	1.50	6.0	50	8.0	0.20	0.8	0.025	0.200
NSML075	0.75	1.80	6.0	50	8.0	0.30	0.8	0.018	0.180
NSML110	1.10	2.20	6.0	50	8.0	0.30	0.8	0.015	0.100
NSML150	1.50	3.00	6.0	50	8.0	0.30	0.8	0.010	0.065
NSML175	1.75	3.50	6.0	50	8.00	1.00	0.8	0.005	0.055
NSML190	1.90	4.90	6.0	50	8.00	1.00	0.8	0.005	0.055
NSML200	2.00	4.00	6.0	50	8.00	0.50	0.8	0.005	0.028
NSML260	2.60	5.00	6.0	50	8.00	4.00	0.8	0.003	0.035
NSML300	3.00	6.00	6.0	50	8.00	4.00	0.8	0.003	0.035
NSML350	3.50	8.00	6.0	50	18.50	4.00	0.8	0.003	0.030
NSML380	3.80	8.00	6.0	50	18.50	4.00	0.8	0.003	0.030
NSML400	4.00	8.00	6.0	50	18.50	4.00	0.8	0.003	0.030

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



Manufacturer's Trademark

Part Identification

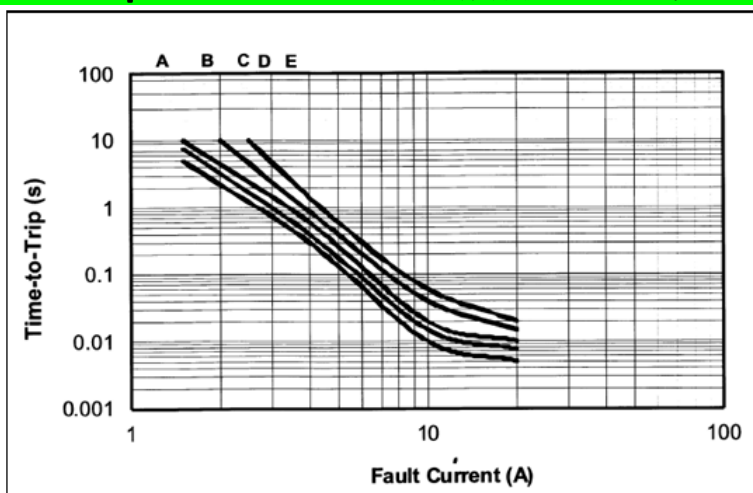
P/N	Marking (标识)	A		B		C		D
		Min.(最小)	Max.(最大)	Min.(最小)	Max.(最大)	Min.(最小)	Max.(最大)	Min.(最小)
NSML050	TA	3.00	3.50	1.50	1.80	0.60	1.00	0.25
NSML075	TA	3.00	3.50	1.50	1.80	0.60	1.00	0.25
NSML110	TB	3.00	3.50	1.50	1.80	0.60	1.00	0.25
NSML150	TC	3.00	3.50	1.50	1.80	0.60	1.00	0.25
NSML175	TD	3.00	3.50	1.50	1.80	0.60	1.00	0.25
NSML190	TD	3.00	3.50	1.50	1.80	0.60	1.00	0.25
NSML200	TD	3.00	3.50	1.40	1.80	0.90	1.40	0.25
NSML260	TF	3.00	3.50	1.40	1.80	0.90	1.40	0.25
NSML300	TF	3.00	3.50	1.40	1.80	0.90	1.40	0.25
NSML350	TH	3.00	3.50	1.40	1.80	0.90	1.40	0.25
NSML380	TH	3.00	3.50	1.40	1.80	0.90	1.40	0.25
NSML400	TH	3.00	3.50	1.40	1.80	0.90	1.40	0.25

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℃
NSML050	0.73	0.65	0.59	0.50	0.43	0.39	0.35	0.31	0.25
NSML075	1.09	0.98	0.88	0.75	0.65	0.58	0.52	0.47	0.38
NSML110	1.60	1.43	1.29	1.10	0.95	0.85	0.76	0.68	0.55
NSML150	2.18	1.95	1.76	1.50	1.29	1.16	1.04	0.93	0.75
NSML175	2.54	2.28	2.05	1.75	1.51	1.35	1.21	1.09	0.88
NSML190	2.76	2.47	2.23	1.90	1.63	1.47	1.32	1.18	0.95
NSML200	2.88	2.61	2.28	2.00	1.80	1.66	1.51	1.39	1.19
NSML260	3.78	3.38	3.05	2.60	2.24	2.01	1.80	1.61	1.30
NSML300	4.36	3.90	3.52	3.00	2.58	2.32	2.08	1.86	1.50
NSML350	5.09	4.55	4.11	3.50	3.01	2.71	2.43	2.17	1.75
NSML380	5.52	4.94	4.46	3.80	3.27	2.94	2.63	2.36	1.90
NSML400	5.81	5.20	4.69	4.00	3.44	3.09	2.77	2.48	2.00

Typical time to trip at 25℃ (25℃下的动作保护时间曲线表):

A=NSML050
B=NSML075
C=NSML110
D=NSML150
E=NSML200



◆ 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.

Agency Approvals (安规认证):

- Agency Approvals: UL、CSA、TUV
- Regulation/Standard: RoHS 2002/95/EC

Package information (包装信息):

Model	Q'ty/Reel
NSML050~NSML190	4000 pcs
NSML150~NSML400	3500 pcs

Note: Reel packaging per EIA-481-1 standard