



Functional Characteristics 功能特性規格

Testing current 測試電流	Rating range 額定電流值範圍	Blow time limit 熔斷時間	
		Min 最小	Max 最大
100%	100mA – 20A	4 hour (小時)	-
210%	100mA – 20A	-	120 sec (秒)
275%	100mA – 20A	400ms(毫秒)	10 sec (秒)
400%	100mA – 20A	150ms(毫秒)	3s (秒)
1000%	100mA – 20A	20ms(毫秒)	150ms (毫秒)

Marking (印字)

SUN trademark and voltage rating are stamped on end caps. Current rating and approval logo's where appropriate are printed on the fuse body.

Material (材料)

Fuse body – ceramic tube
End cap – nickel plated brass
Lead wire – tin plated copper

Packing (包裝)

Bulk pack of 1000pcs per box or Taped of 1000pcs per box (EIA-296, 5mm pitch, 52.4mm inside tape spacing).

RoHS

4T is RoHS compliant (EU Directive 2011/65/EU, 2015/863). The high temperature solder used in it has lead content over 85% and is exempted by the EU Directive.

Current Rating 額定電流 (A)	Voltage Rating 額定電壓 (V)	Avg Cold Resistance 平均電阻 (ohm)	Avg V - drop 平均電壓降 (mV)	Avg Power Dissipation 平均消耗功率 (W)	Average I ² t value 熔化熱能 (A ² sec)		
0.100	250	3.50	420	0.04	0.03	4T	4T
0.125	250	2.10	320	0.04	0.04	4T	4T
0.160	250	1.30	245	0.04	0.07	4T	4T
0.200	250	1.00	240	0.05	0.11	4T	4T
0.250	250	0.65	192	0.05	0.20	4T	4T
0.315	250	0.42	158	0.05	0.34	4T	4T
0.400	250	0.30	150	0.06	0.59	4T	4T
0.500	250	0.21	126	0.06	1.01	4T	4T
0.630	250	0.15	112	0.07	1.52	4T	4T
0.800	250	0.10	96	0.08	2.30	4T	4T
1.0	250	0.075	90	0.09	4.04	4T	4T
1.25	250	0.060	88	0.11	5.04	4T	4T
1.6	250	0.042	80	0.13	7.77	4T	4T
2.0	250	0.030	74	0.15	11.5	4T	4T
2.5	250	0.024	72	0.18	17.0	4T	4T
3.15	250	0.018	66	0.21	27.0	4T	4T
4	250	0.013	62	0.25	38.8	4T	4T
5	250	0.010	58	0.30	56.7	4T	4T
6.3	250	0.008	54	0.34	83.8	4T	4T
8	250	0.006	52	0.42	119	4T	4T
10	250	0.004	50	0.50	170	4T	4T
12	250	0.0035	50	0.60	234	4T	-
12.5	250	0.0033	50	0.63	276	4T	-
15	250	0.0028	50	0.75	355	4T	-
16	250	0.0026	50	0.80	404	4T	-
20	250	0.0020	55	1.10	569	4T	-

Note (備注) :

1. The Voltage Drop values are measured at 100% rated current.
2. The Power Dissipation values are measured after 1 hour of testing at 100% rated current.
3. The above figures are typical values for reference only and should not be used as acceptance criteria.

Specifications subject to change without notice