

4T

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 – 10A	4 hour (小時)	-
150%	500mA – 4A	1 hour (小時)	-
210%	100mA – 10A	-	120 sec (秒)
275%	100mA – 10A	400ms(毫秒)	10 sec (秒)
400%	100mA – 10A	150ms(毫秒)	3s (秒)
1000%	100mA – 10A	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 & Reeled of 2500pcs per reel (EIA-296, 5mm pitch, 52.4mm inside tape spacing).

RoHS

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

Reference Information 參考資料

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	2.79	318	0.03	0.03	4T	4T	4T
0.125	250	1.91	280	0.04	0.04	4T	4T	4T
0.160	250	1.26	241	0.04	0.08	4T	4T	4T
0.200	250	0.87	209	0.04	0.13	4T	4T	4T
0.250	250	0.61	180	0.05	0.30	4T	4T	4T
0.315	250	0.42	156	0.05	0.43	4T	4T	4T
0.400	250	0.29	134	0.05	0.63	4T	4T	4T
0.500	250	0.21	128	0.18	1.06	4T	4T	4T
0.630	250	0.15	112	0.20	1.60	4T	4T	4T
0.800	250	0.10	96	0.23	2.51	4T	4T	4T
1.0	250	0.075	90	0.27	3.62	4T	4T	4T
1.25	250	0.060	88	0.32	5.45	4T	4T	4T
1.6	250	0.042	80	0.39	8.75	4T	4T	4T
2.0	250	0.030	74	0.46	12.5	4T	4T	4T
2.5	250	0.024	72	0.57	19.1	4T	4T	4T
3.15	250	0.018	70	0.68	29.2	4T	4T	4T
4	250	0.013	62	0.80	43.5	4T	4T	4T
5	250	0.010	58	0.30	59.2	4T	4T	4T
6.3	250	0.008	57	0.36	102	4T	4T	4T
8	250	0.006	55	0.44	122	4T	4T	4T
10	250	0.005	60	0.60	155	4T	4T	4T
12	250	#	#	#	#	4T	-	-
12.5	250	#	#	#	#	4T	-	-
15	250	#	#	#	#	4T	-	-
16	250	#	#	#	#	4T	-	-
20	250	#	#	#	#	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.
4. # Check with factory.

Specifications subject to change without notice