

**4F**

**Functional Characteristics 功能特性規格**

Testing current 測試電流	Blow time limit 熔斷時間	
	Min 最小	Max 最大
100%	4 hour (小時)	-
210%	-	30 min. (分鐘)
275%	10ms(毫秒)	3 sec (秒)
400%	3ms(毫秒)	300ms (毫秒)
1000%	-	20ms (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**

4F 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 <sup>2</sup> t value 熔化熱能 (A <sup>2</sup> sec)			
0.100	250	2.30	450	0.05	0.002	-	4F	4F
0.125	250	1.80	444	0.06	0.003	-	4F	4F
0.160	250	1.30	430	0.07	0.005	-	4F	4F
0.200	250	0.92	422	0.08	0.010	-	4F	4F
0.250	250	0.73	416	0.10	0.013	-	4F	4F
0.315	250	0.47	404	0.13	0.024	-	4F	4F
0.400	250	0.32	400	0.16	0.04	-	4F	4F
0.500	250	0.17	102	0.05	0.07	4F	4F	4F
0.630	250	0.12	96	0.06	0.13	4F	4F	4F
0.800	250	0.09	88	0.07	0.28	4F	4F	4F
1.0	250	0.07	84	0.08	0.40	4F	4F	4F
1.25	250	0.052	82	0.10	0.62	4F	4F	4F
1.6	250	0.040	80	0.13	1.1	4F	4F	4F
2.0	250	0.031	78	0.16	1.6	4F	4F	4F
2.5	250	0.024	76	0.19	2.5	4F	4F	4F
3.15	250	0.017	72	0.23	4.9	4F	4F	4F
4	250	0.014	72	0.29	8.3	4F	4F	4F
5	250	0.010	72	0.36	10.7	4F	4F	4F
6.3	250	0.008	70	0.44	18	4F	4F	4F
8	250	0.007	70	0.56	26	4F	4F	4F
10	250	0.005	68	0.68	39	4F	4F	4F
12	250	0.004	64	0.77	67	4F	4F	4F
15	250	0.003	58	0.87	113	4F	4F	4F

Note (備注):

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

Specifications subject to change without notice