



# SK-18T 250V TIME LAG FUSE

## WORLD PATENT ~~NE~~ SMD FUSE

SK-18T is a small type SMD fuse which has the same dimension as the 1810 type fuse. It can save valuable printed circuit boards. It also features top electric specialty and high accurate current expression. This revolutionized SMD fuse is universal and doesn't have the drawbacks of ordinary SMD fuse which uses solder as its fuse element.

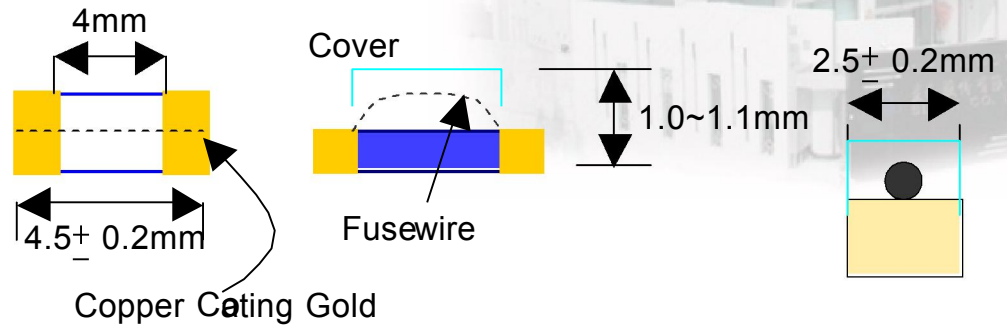
**SMD FUSE PATENT:**  
 USA:09/702579  
 GERMANY:2218792.9  
 CHINA:00253621.8  
 TAIWAN:454939  
 JAPAN:3088901

Large tolerance of electric current and low interruption are its main characteristics.

SLEEK currently use cu-ag alloy wire coating tin for the fuse and copper coating gold for the terminal. Both have the capacity to allow large surge current to pass through them.



### TYPE DIMENSION



- ◆ **AGENCY APPROVAL:** UL, 0.25A~8A/250V
- ◆ **BREAKING CAPACITY (IR):** 100A AT 250VAC/125VDC
- ◆ **INSULATION RESISTANCE:** (AFTER USE BLOW) UP 2000MΩ.
- ◆ **OPERATING TEMPERATURE:** -- 55°C~125°C
- ◆ **RESISTANCE TO SOLDER HEAT:** MAX. 260°C, 60 SEC.
- ◆ **SOLDERING PARAMETERS:** WAVE SOLDER --- 260°C, 3 SEC. MAX.  
 REFLOW SOLDER ---260°C, 30 SEC. MAX.
- ◆ **PACKING SPECIFICATIONS:** 8mm TAPE AND REEL PER EIA-RS481: 3KPER REEL.

### ELECTRICAL CHARACTERISTICS:

RATINGA (In)	125% In	200% In	1000% In
LOW TIME	Min. 1 hr.	Max. 2 min.	1 ~ 10 m Sec

### PRODUCTS INFORMATION:

PRODUCT NUMBER	RATING CURRENT	MARKING CODE	RATING VOLTAGE	COLD (Ohm) RESISTANCE MAXIMUM	VOLTAGE DROP mV MAXIMUM	MELTING FT AT 10In	
						MAX.	MIN.
SK18T0.25A	0.25A	T0.25	250Vac/125Vdc	0.270	64.87	0.625	0.5
SK18T0.35A	0.35A	T0.35	250Vac/125Vdc	0.180	58.59	1.225	0.98
SK18T0.5A	0.5A	T0.5	250Vac/125Vdc	0.133	54.20	2.500	2
SK18T0.75A	0.75A	T0.75	250Vac/125Vdc	0.082	51.85	5.625	4.5
SK18T1A	1A	T1	250Vac/125Vdc	0.061	48.12	10	18
SK18T1.5A	1.5A	T1.5	250Vac/125Vdc	0.040	40.62	22.5	18.45
SK18T2A	2A	T2	250Vac/125Vdc	0.031	38.14	40	32
SK18T2.5A	2.5A	T2.5	250Vac/125Vdc	0.026	37.63	62.5	50
SK18T3A	3A	T3	250Vac/125Vdc	0.022	36.12	90	72
SK18T3.5A	3.5A	T3.5	250Vac/125Vdc	0.020	35.15	122.5	98
SK18T4A	4A	T4	250Vac/125Vdc	0.017	32.13	160	128
SK18T5A	5A	T5	250Vac/125Vdc	0.016	30.15	250	200
SK18T6A	6A	T6	250Vac/125Vdc	0.014	30.17	360	288
SK18T7A	7A	T7	250Vac/125Vdc	0.010	26.03	423	406
SK18T8A	8A	T8	250Vac/125Vdc	0.008	25.10	523	462