

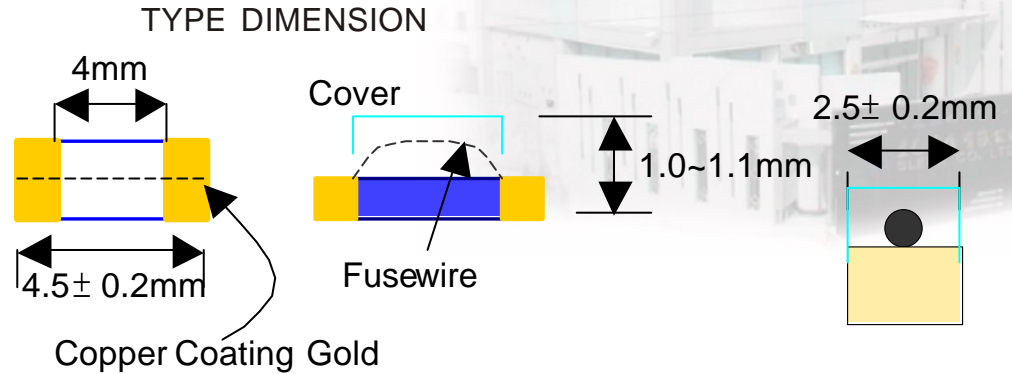
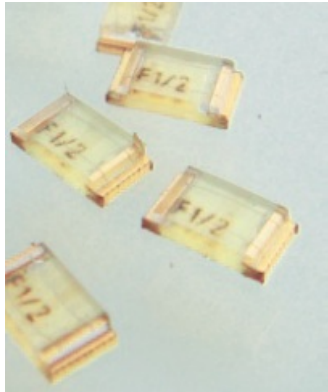
## SK-18F 250V FAST-ACTING FUSE WORLD PATENT NEW SMD FUSE

SK-18F 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.

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.

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



- ◆ **AGENCY APPROVAL:** UL, 0.25A~8A/250V
- ◆ **BREAKING CAPACITY (IR):** 100A AT 250VAC/125VDC
- ◆ **INSULATION RESISTANCE:** (AFTER FUSE BLOW) UP 2000MΩ.
- ◆ **OPERATING TEMPERATURE:** -- 55°C~125°C
- ◆ **RESISTANCE TO SOLDER HEAT:** MAX. 260°C, 60 SEC.
- ◆ **SOLDERING PARAMETERS:** WAVE SOLDER --- 260°C, 10 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 İT AT 10In	
						MAX.	MIN.
SK18F0.25A	0.25A	F0.25	250Vac/125Vdc	0.275	17.65	0.0625	0.05
SK18F0.35A	0.35A	F0.35	250Vac/125Vdc	0.276	86.20	0.1225	0.098
SK18F0.4A	0.4A	F0.4	250Vac/125Vdc	0.275	86.20	0.1600	0.128
SK18F0.5A	0.5A	F0.5	250Vac/125Vdc	0.190	90.10	0.2500	0.2
SK18F0.75A	0.75A	F0.75	250Vac/125Vdc	0.160	112.6	0.5625	0.45
SK18F1A	1A	F1	250Vac/125Vdc	0.090	81	1	0.8
SK18F1.5A	1.5A	F1.5	250Vac/125Vdc	0.056	70	2.25	1.8
SK18F2A	2A	F2	250Vac/125Vdc	0.042	74	4	3.2
SK18F2.5A	2.5A	F2.5	250Vac/125Vdc	0.034	73	6.25	5
SK18F3A	3A	F3	250Vac/125Vdc	0.030	70	9	7.2
SK18F3.5A	3.5A	F3.5	250Vac/125Vdc	0.026	66	12.25	9.8
SK18F4A	4A	F4	250Vac/125Vdc	0.023	62	16	12.8
SK18F5A	5A	F5	250Vac/125Vdc	0.021	65	25	20
SK18F6A	6A	F6	250Vac/125Vdc	0.101	55.6	36	28.8
SK18F7A	7A	F7	250Vac/125Vdc	0.097	54.1	49	39.2
SK18F8A	8A	F8	250Vac/125Vdc	0.080	55	69	48