



SK-18F 250V FAST-ACTING SMD FUSE

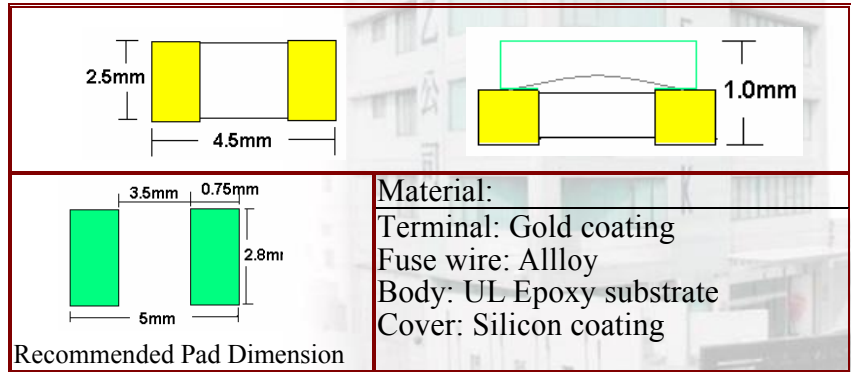
SK-18F is a small type SMD fuse which has the same dimension as the 1810 type fuse. It can save valuable printed circuit boards. It also features top electric specialty and high accurate current expression. This revolutionized SMD fuse is universal and doesn't have the drawbacks of ordinary SMD fuse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



Picture



Type Dimension :



- Agency approval : UL , TUV / IEC-127-4 / 0.5A~8A 250Vac 125Vdc
- Breaking capacity : UL / 50A 250Vac / 125Vdc , TUV / 100A 250Vac / 125Vdc
- Insulation resistance : UP 2000MΩ
- Operation temperature : - 50°C~125°C (On standard test board)
- Thermal shock : MIL-STD-202G , Method 107 / Test condition A , 5 cycle / - 50°C~125°C
- Resistance to solder heat : 260°C Maximum 60 Sec.
- Soldering Parameters : Reflow solder 260°C 10 Sec. Maximum
- Packing specifications : 8 mm tape and reel per EIA-RS481 : 3 Kpcs Per Reel

Electronics Characteristics			
Rating current In	125% In	200% In	1000% In
Acting Time	Min. 1 hr.	Max. 2 Min.	Max. 1mS

● **Products Information :**

Product No. & CODE	Rating A	Rating V	Marking Code	Max. Cold mΩ	I ² t At 10In	Voltage Drop Max. mV	Safety UL(X)Only
SK18F005	0.5	250Vac 125Vdc	F0.5	250	0.020	125	V
SK18F006	0.63		F0.6	210	0.032	132	V
SK18F008	0.8		F0.8	170	0.051	136	V
SK18F010	1		F1	120	0.080	120	V
SK18F012	1.25		F1.25	95	0.125	118	V
SK18F016	1.6		F1.6	65	0.205	104	V
SK18F020	2		F2	55	0.320	110	V
SK18F025	2.5		F2.5	35	0.500	87.5	V
SK18F030	3		F3	30	0.720	90	X
SK18F031	3.15		F3.15	28	0.794	88.2	V
SK18F040	4		F4	23	1.280	92	V
SK18F050	5		F5	18	2.000	90	V
SK18F060	6		F6	13	2.880	78	V
SK18F070	7		F7	9	3.920	63	X
SK18F080	8		F8	7	5.120	56	V
SK18F100	10		F10	6	8.000	60	