

A	B	C	D(Φ)	E	F	G	D1(Φ)	d(Φ)
5.0 ^{+0.15} ₋₀	10±2	20±0.5	5 ^{+0.05} ₋₀	21±1	38±2	97±2	5.5±0.2	≤6.3A: 0.65±0.02 >6.3A: 0.80±0.02

Key Features

- Φ5mm X 20mm physical size
- Fast Acting
- Low-breaking capacity
- Glass tube, Nickel-plated brass endcap construction
- Designed to IEC60127-2/Sheet2.GB9364-2/Sheet2
- Printers

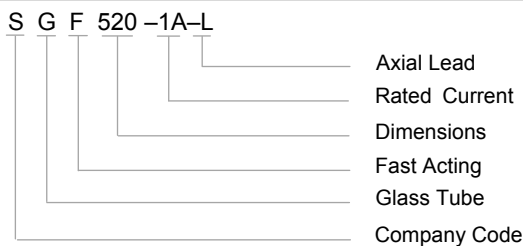
Agency Approvals

- CCC: 1A~6.3A: 2011010207516066
- CQC: 8A~10A: CQC11012065997
Axial Leads 1A~10A: CQC11012065997
- VDE: 1A~10A: 40033351
- KC: 1A~2A: SU05023-11007; 3.15A~6.3A: SU05023-11008; 8A~10A: SU05023-11009
- PSE: 1A~5A: PSE11020385; 6.3A~10A: PSE11020386
Axial Leads 1A~5A: PSE11020387;
6.3A~10A: PSE11020388
- UL/cURus: 1A~10A: E345932

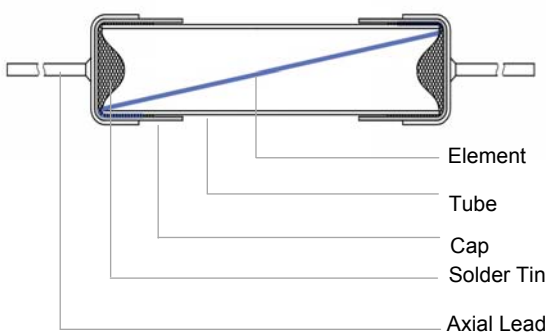
Applications

- Air conditioners
- Energy-saving Lighting ballasts
- Power supplies
- Power adapters
- Battery chargers
- TVs/Displays

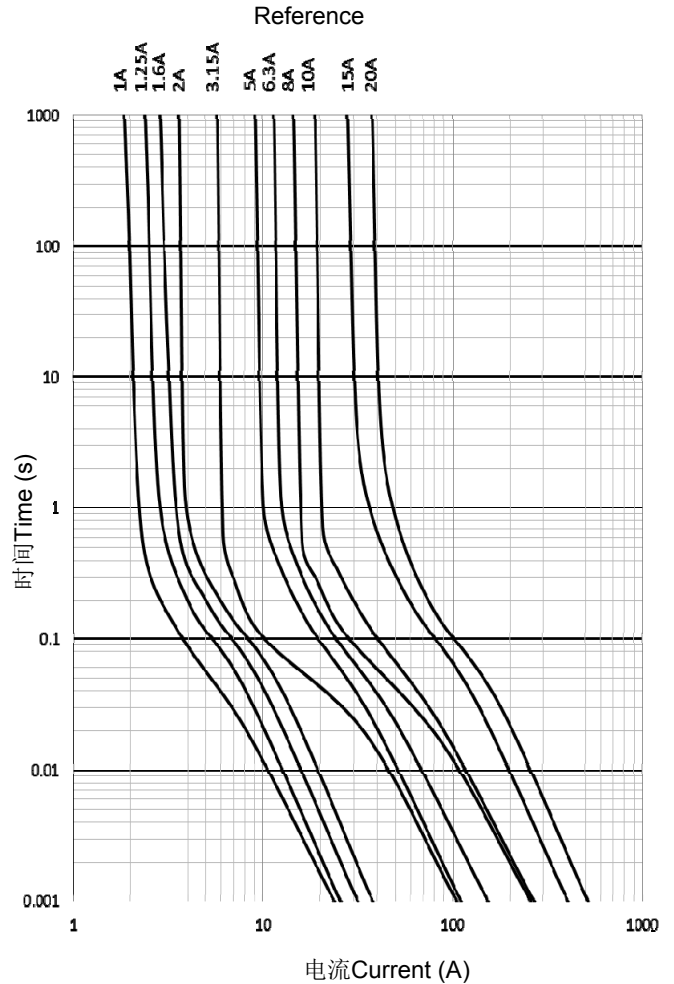
Part Number System



Structure Diagrams



Time Current Curve





Specifications

Model	Rated Current	Rated Voltage (Vac)	Interrupting Rating (amps) at Rated Voltage (50Hz) (A)	Typical DC Cold Resistance (mΩ)※	Maximum Voltage Drop (mV)★	Typical Melting I ² t (A ² Sec)	Agency Approvals						Environmental Status	
							CCC	CQC	VDE	KC	PSE	cURus	RoHS	REACH
							CCC	CQC	VDE	KC	PSE	cURus	RoHS	REACH
SGF520-200mA	200mA	250	35		1700		○	○	○	○	○	○	●	●
SGF520-250mA	250mA	250	35		1400		○	○	○	○	○	○	●	●
SGF520-315mA	315mA	250	35		1300		○	○	○	○	○	○	●	●
SGF520-400mA	400mA	250	35		1200		○	○	○	○	○	○	●	●
SGF520-500mA	500mA	250	35		1000		○	○	○	○	○	○	●	●
SGF520-630mA	630mA	250	35		650		○	○	○	○	○	○	●	●
SGF520-800mA	800mA	250	35		240		○	○	○	○	○	○	●	●
SGF520-1A	1A	250	35	95.00	150	1.50	●		●	●	●	●	●	●
SGF520-1.25A	1.25A	250	35	80.00	150	2.59	●		●	●	●	●	●	●
SGF520-1.6A	1.6A	250	35	60.00	140	4.25	●		●	●	●	●	●	●
SGF520-2A	2A	250	35	50.00	140	6.24	●		●	●	●	●	●	●
SGF520-3.15A	3.15A	250	35	32.00	150	8.93	●		●	●	●	●	●	●
SGF520-5A	5A	250	50	19.00	120	36.00	●		●	●	●	●	●	●
SGF520-6.3A	6.3A	250	63	15.00	130	46.04	●		●	●	●	●	●	●
SGF520-8A	8A	250	80	12.00	125	69.12		●	●	●	●	●	●	●
SGF520-10A	10A	250	100	9.00	125	144.00		●	●	●	●	●	●	●
SGF520-16A	16A	250	160		120	715.35		○	○	○	○	○	●	●
SGF520-20A	20A	250	200		120	945.78		○	○	○	○	○	●	●

○-On-going.

※- DC Cold Resistance (Measured at <10% of rated current).

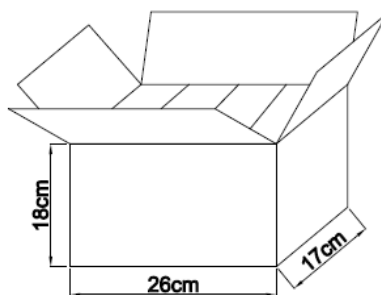
★- Maximum Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current).

Pre-arcing Time/Current Characteristic

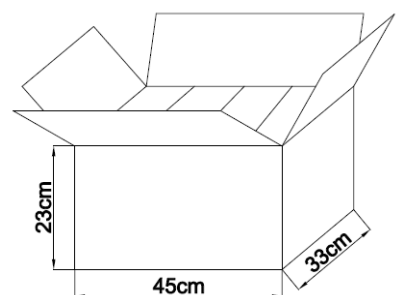
Rated current	2.1I _N	2.75I _N		4I _N		10I _N
	Maximum	Minimum	Maximum	Minimum	Maximum	Maximum
32mA~100mA	30min	10ms	500ms	3ms	100ms	20ms
Above100mA ~6.3A	30min	50ms	2s	10ms	300ms	20ms
Above 6.3A~10A	30min	50ms	2s	10ms	400ms	40ms
Above 10A~20A	30min	100ms	6s	20ms	600ms	60ms

Packaging Information

Packaging Code	Description
Endcaps	10000pcs per carton.
Axial Leads	4000pcs per carton.



Endcaps



Axial Leads