

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

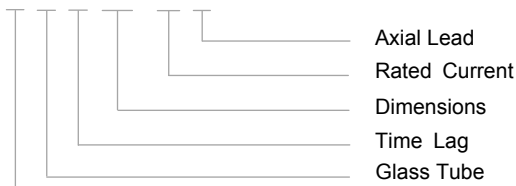
- Φ5mm X 20mm physical size
- Time Lag
- Low-breaking capacity
- Glass tube, Nickel-plated brass endcap construction
- Designed to IEC60127-2/Sheet3.GB9364-2/Sheet3

Applications

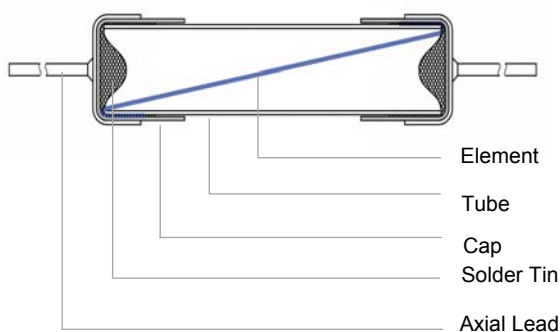
- Printers
- Air conditioners
- Energy-saving Lighting ballasts
- Power supplies
- Power adapters
- Battery chargers
- TVs/Displays

Part Number System

S G T 520-1A-L



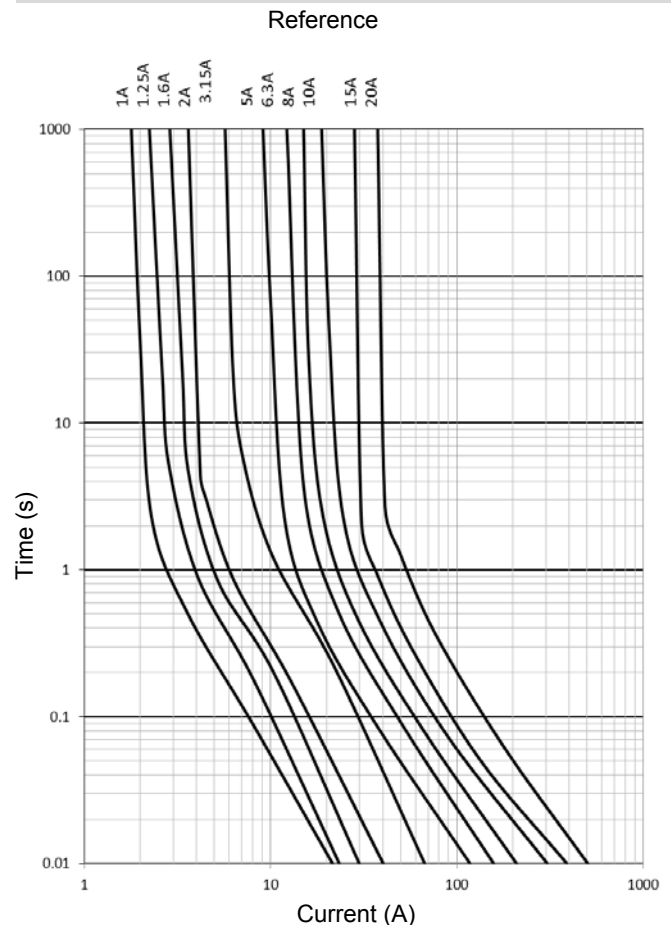
Structure Diagrams



Agency Approvals

- CCC: 1A~6.3A :2011010207516067
- CQC: 8A~10A: CQC11012065996
Axial Leads 1A~10A: CQC11012065996
- VDE: 1A~10A :40033355
- KC: 1A~2A: SU05023-11006; 3.15A~6.3A: SU05023-11004; 8A~10A: SU05023-11005
Axial Leads 1A~2A: SU05023-11006; 3.15A~6.3A: SU05023-11004; 8A~10A: SU05023-11005
- PSE: 1A~5A :PSE11020389; 6.3A~10A: PSE11020390
Axial Leads 1A~5A :PSE11020391; 6.3A~10A: PSE11020392
- UL/cURus: 1A~10A :E345932

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
SGT520-100mA	100mA	250	35		2500		○		○	○	○	○	●	●
SGT520-125mA	125mA	250	35		2000		○		○	○	○	○	●	●
SGT520-160mA	160mA	250	35		1900		○		○	○	○	○	●	●
SGT520-200mA	200mA	250	35		1500		○		○	○	○	○	●	●
SGT520-250mA	250mA	250	35		1300		○		○	○	○	○	●	●
SGT520-315mA	315mA	250	35		1100		○		○	○	○	○	●	●
SGT520-400mA	400mA	250	35		1000		○		○	○	○	○	●	●
SGT520-500mA	500mA	250	35		900		○		○	○	○	○	●	●
SGT520-630mA	630mA	250	35		300		○		○	○	○	○	●	●
SGT520-800mA	800mA	250	35		250		○		○	○	○	○	●	●
SGT520-1A	1A	250	35	85.00	120	5.70	●		●	●	●	●	●	●
SGT520-1.25A	1.25A	250	35	56.00	120	11.20	●		●	●	●	●	●	●
SGT520-1.6A	1.6A	250	35	46.00	120	20.99	●		●	●	●	●	●	●
SGT520-2A	2A	250	35	38.00	120	30.80	●		●	●	●	●	●	●
SGT520-3.15A	3.15A	250	35	21.00	100	103.19	●		●	●	●	●	●	●
SGT520-5A	5A	250	50	12.00	100	117.50	●		●	●	●	●	●	●
SGT520-6.3A	6.3A	250	63	10.00	100	230.20	●		●	●	●	●	●	●
SGT520-8A	8A	250	80	8.00	100	355.84		●	●	●	●	●	●	●
SGT520-10A	10A	250	100	5.50	100	570.00		●	●	●	●	●	●	●
SGT520-15A	15A	250	150		100	1100.2	○	○	○	○	○	○	●	●
SGT520-20A	20A	250	200		100	2735.5	○	○	○	○	○	○	●	●

○-On-going.

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

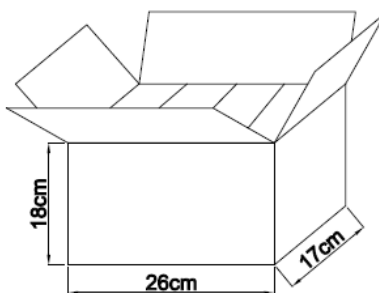
★-Maximum Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current).

Pre-arcing Time/Current Characteristic

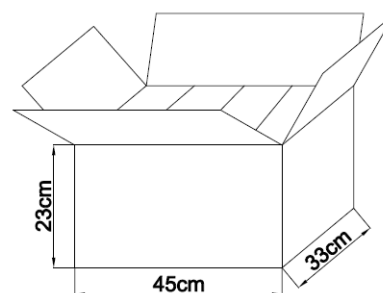
Rated current	2.1I _N	2.75I _N		4I _N		10I _N	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
32mA~100mA	2min	200ms	10s	40ms	3s	10ms	300ms
Above100mA ~10A	2min	600ms	10s	150ms	3s	20ms	300ms
Above 10A~20A	2min	600ms	10s	150ms	3s	20ms	300ms

Packaging Information

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



Endcaps



Axial Leads