

Dimensions (mm)

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~10A: 0.80±0.02 >10A: 1.20±0.02

Key Features

- Φ5mm X 20mm physical size
- Fast Acting
- High-breaking capacity
- Ceramic tube, Nickel-plated brass endcap construction
- Designed to IEC60127-2/Sheet1.GB9364-2/Sheet1

Agency Approvals

- CCC:TBA
- CQC:TBA
- VDE:TBA
- KC:TBA
- PSE:TBA
- cURus:TBA

Applications

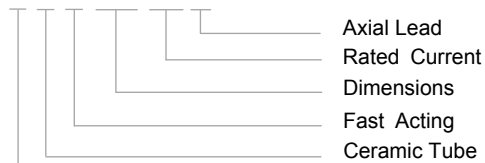
- Printers
- Air conditioners
- Lighting ballasts
- Power supplies
- Power adapters
- Battery chargers
- TVs/Displays

Time Current Curve

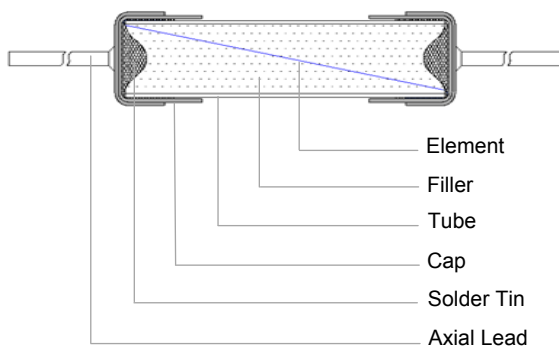
On-going

Part Number System

S C F 520-1A-L



Structure Diagrams





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
SCF520-200mA	200mA	250	1500		3500		○		○	○	○	○	●	●
SCF520-250mA	250mA	250	1500		2800		○		○	○	○	○	●	●
SCF520-315mA	315mA	250	1500		2500		○		○	○	○	○	●	●
SCF520-400mA	400mA	250	1500		2000		○		○	○	○	○	●	●
SCF520-500mA	500mA	250	1500		1800		○		○	○	○	○	●	●
SCF520-630mA	630mA	250	1500		1500		○		○	○	○	○	●	●
SCF520-800mA	800mA	250	1500		1200		○		○	○	○	○	●	●
SCF520-1A	1A	250	1500		1000		○		○	○	○	○	●	●
SCF520-1.25A	1.25A	250	1500		800		○		○	○	○	○	●	●
SCF520-1.6A	1.6A	250	1500		600		○		○	○	○	○	●	●
SCF520-2A	2A	250	1500		500		○		○	○	○	○	●	●
SCF520-2.5A	2.5A	250	1500		400		○		○	○	○	○	●	●
SCF520-3.15A	3.15A	250	1500		350		○		○	○	○	○	●	●
SCF520-4A	4A	250	1500		300		○		○	○	○	○	●	●
SCF520-5A	5A	250	1500		250		○		○	○	○	○	●	●
SCF520-6.3A	6.3A	250	1500		200		○		○	○	○	○	●	●
SCF520-8A	8A	250	1500		200			○	○	○	○	○	●	●
SCF520-10A	10A	250	1500		200			○	○	○	○	○	●	●
SCF520-15A	15A	250	600		150			○	○	○	○	○	●	●
SCF520-20A	20A	250	500		150			○	○	○	○	○	●	●

○- On-going.

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

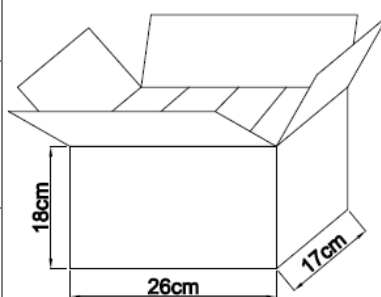
★- Maximum Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current).

Pre-arcing Time/Current Characteristic

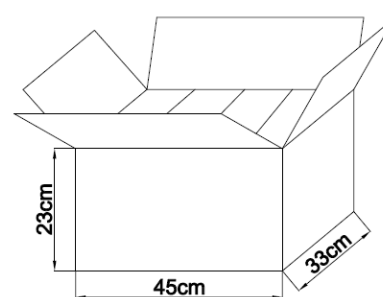
Rated current	2.1I _N	2.75I _N		4I _N		10I _N
	Maximum	Minimum	Maximum	Minimum	Maximum	Maximum
200mA~4A	30min	10ms	2s	3ms	300ms	20ms
Above 4A ~6.3A	30min	10ms	3s	3ms	300ms	20ms
Above 6.3A~10A	30min	40ms	20s	10ms	1s	30ms
Above 10A~20A	30min	40ms	20s	10ms	1s	40ms

Packaging Information

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



Endcaps



Axial Leads