# **Miniature Fuses**

Surface Mount Fuse-links (SMFL)

## SCF6125 Series, Fast Acting, Ceramic Tube





### **Description**

2.7 x 2.7 x 6.3 mm, Fast Acting, SMD fuse, designed to IEC, GB/T and UL standards.

#### **Features**

- Body Size: 2.7 x 2.7 x 6.3 mm
- Fast Acting
- Designed to IEC 60127-7 / UL248-14 / GB/T 9364.7
- Lead-free (Pb-free)
- RoHS & REACH Compliant

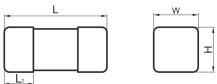
### **Applications**

- Power Supply
- Household Appliance
- General Lighting
- Smart Home
- Office Equipment
- Electric Tool
- Medical Equipment
- Instruments and Apparatuses

#### **Time/Current Characteristic**

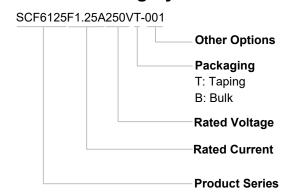
% of Ampere Rating	Ampere Rating	Opening Time
100%	0.5 A ~ 20 A	4 hours, Max.
200%	0.5 A ~ 20 A	5 s, Max.
1000%	0.5 A ~ 20 A	0.01 s, Max.

### **Dimensions (mm)**

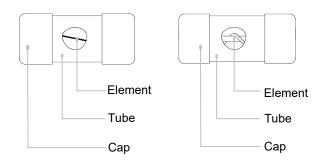


L	L <sub>1</sub>	w	Н
6.3 ± 0.3	1.7 ± 0.2	2.70 ± 0.25	2.70 ± 0.25

### **Part Numbering System**



### **Structure Diagram**



### **Agency Approvals**

Agency Symbol	The file No. and certification No. obtained by SETsafe SETfuse	Ampere Range
c <b>Al</b> °us	E345932	0.5 A ~ 20 A
A	Pending	0.5 A ~ 20 A
Cec	Pending	0.5 A ~ 20 A

**SCF6125 Series, Fast Acting, Ceramic Tube** 

# **Specifications**

	Rated		Average Typical	Age	ncy Appr	ovals	Enviror	mental
Series	Current	Rated Breaking Capacity	Melting <i>l²t</i> <sup>a</sup>	<u>A</u>	Cec	c <b>FL</b> °us	RoHS	REACH
	(A)		(A²sec)	TUV	CQC	UL/CUL	Kono	REAGII
SCF6125	0.5	50 A@250 VAC 200 A@125 VAC 200 A@125 VDC 500 A@75 VDC / 63 VDC / 48 VDC / 32 VDC / 24 VDC	0.25	0	0	•	•	•
SCF6125	0.63		0.32	0	0	•	•	•
SCF6125	0.8	50 A@250 VAC 200 A@125 VAC 200 A@125 VDC 500 A@75 VDC / 63 VDC /	0.77	0	0	•	•	•
SCF6125	1		0.8	0	0	•	•	•
SCF6125	1.25		0.78	0	0	•	•	•
SCF6125	1.6		1.3	0	0	•	•	•
SCF6125	2		3.2	0	0	•	•	•
SCF6125	2.5		0.85	0	0	•	•	•
SCF6125	3	_	0.9	0	0	•	•	•
SCF6125	3.15	200 A@125 VDC	1.1	0	0	•	•	•
SCF6125	4	_	4.5	0	0	•	•	•
SCF6125	5		6.3	0	0	•	•	•
SCF6125	6.3		12	0	0	•	•	•
SCF6125	8		19	0	0	•	•	•
SCF6125	10		40	0	0	•	•	•
SCF6125	12.5		75	0	0	•	•	•
SCF6125	15		90	0	0	•	•	•
SCF6125	16		102	0	0	•	•	•
SCF6125	20		240	0	0	•	•	•

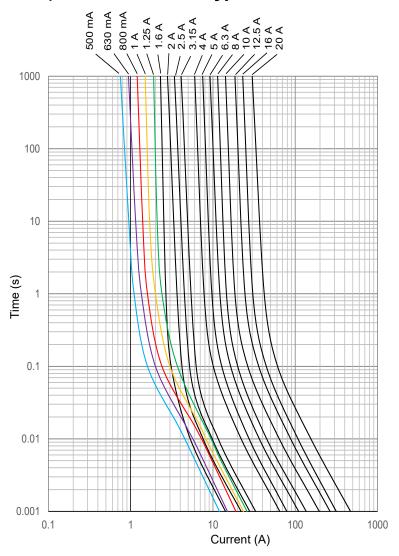
#### Remark:

a:  $I^2t$  value is measured at 10  $I_N$ .

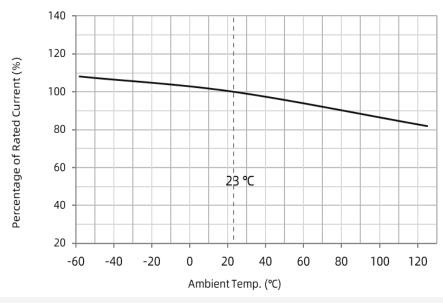
o: Pending.

RoHS & REACH Compliant.

### **Time Current Curve (For Reference Only)**



### Rated Current Derating Curve (For Reference Only)



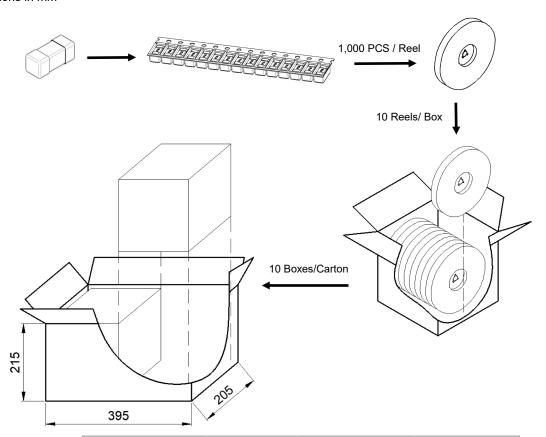
# **Miniature Fuses**

**Surface Mount Fuse-links (SMFL)** 

# SCF6125 Series, Fast Acting, Ceramic Tube

### **Packaging Information**

All dimensions in mm



Item	Reel	Вох	Carton
Q'ty (PCS)	1,000	10,000	20,000
Gross Wei	ght (kg)	4.7 ±	: 10%

SCF6125 Series, Fast Acting, Ceramic Tube



# **ATTENTION**

### Inspection

#### **Cold Resistance Test**

- a. Applied current shall be less than 10% of rated current, at ambient Temp. of (23±2) °C.
- b. 4-Wire Resistance Measurement.

### **Usage**

- a. Do not touch the fuse body or lead wire when power on, avoiding scald or electric shock.
- b. The air pressure is 80 kPa to 106 kPa, corresponding to the altitude of +2000 m to -500 m.

### Replacement

For safety reasons, the Fuse is a non-resettable product, please ensure that the alternative Fuse is the same type when replace it.

### Storage

Fuse storage should avoid high temperature, high humidity, direct sunlight, and corrosive gases, so as not to affect the solderability of the lead wire. Please use them up within 1 year after receiving the goods.

#### Installation

Do not apply mechanical stress to the fuse body during or after the installation.

#### **Installation Position**

Do not install the fuse on an assembly that may often subject to severe continuous vibration or with corrosive gases ( $NH_3$ ,  $SO_2$ ,  $Cl_2$  etc.).



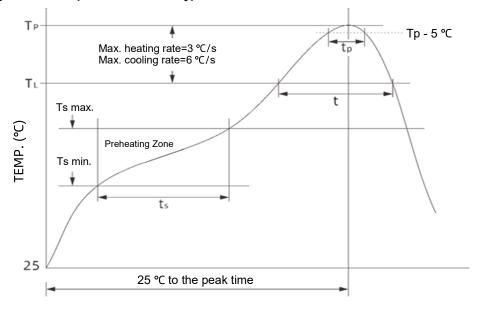
# **Miniature Fuses**

**Surface Mount Fuse-links (SMFL)** 

# SCF6125 Series, Fast Acting, Ceramic Tube

### **Soldering Parameters**

Reflow soldering Parameters (For Reference Only)



Item	Parameters	Item	Parameters
Preheat_Min. Temp. (T <sub>s min.</sub> )	150 ℃	Liquid Phase Time (t)	60 s ~ 150 s
Preheat_Max. Temp. (T <sub>s max.</sub> )	200 ℃	Peak Temp. (T <sub>p</sub> )	255 °C ~ 260 °C
Time $(T_{s min.} to T_{s max.})$ $(t_s)$	60 s ~ 120 s	Duration Of Peak Temp. Within 5 ℃ (t <sub>p</sub> )	20 s ~ 40 s
Average Heating Rate $(T_{s min.} to T_p)$	3 °C/s, Max.	Average Cooling Rate $(T_p \text{ to } T_{s \text{ max}})$	6 °C/s, Max.
Liquid Phase Temperature (T <sub>L</sub> )	217 ℃	Time From 25 ° C To Peak Temp.	8 minutes, Max.

#### **Recommended Soldering Parameters**

Solder Iron Temp.: (350 ± 5)°C Soldering Time: 5 seconds, Max.

# SCF6125 Series, Fast Acting, Ceramic Tube

# Glossary

Item	Description
Fuse	A device, by the fusing of one or more of its specially designed and proportioned components, opens the circuit in which it is inserted by breaking the current when this exceeds a given value for a sufficient time.  —(IEC 60127)
Rated Current	The rated current of a fuse identifies its current-carrying capacity based on a controllable set of test conditions. Each fuse is marked with its rated current, this rating can be identified with a numeric, alpha, or color code mark.  —(IEC 60127)
Rated Voltage	A Max. open circuit voltage in which a fuse can be used, yet safely interrupt an overcurrent.  Exceeding the voltage rating of a fuse impairs its ability to clear an overload or short circuit safely.  —(IEC 60127)
Ampere Squared Seconds <i>I</i> <sup>2</sup> <i>t</i>	The melting, arcing, or clearing integral of a fuse, termed $l^2t$ , is the thermal energy required to melt, arc, or clear a specific current. It can be expressed as melting $l^2t$ , arcing $l^2t$ or the sum of them, clearing $l^2t$ .  —(IEC 60127)
Overload	Can be classified as an overcurrent which exceeds the normal full load current of a circuit by 2 to 5 times its magnitude and stays within the normal current path.  —(UL 248)
Overcurrent	A condition which exists in an electrical circuit when the normal load current is exceeded.  Overcurrent take on two separate characteristics-overloads and short circuits.  —(UL 248)
Short Circuit	An overcurrent that leaves the normal current path and greatly exceeds the normal full load current of the circuit by a factor of tens, hundreds, or thousands times.  —(UL 248)
Breaking Capacity of a Fuse-link	Value (r.m.s. for AC) of prospective current that a fuse-link is capable of breaking at a stated voltage under prescribed conditions of use and behaviour.  —(IEC 60127)



# SCF6125 Series, Fast Acting, Ceramic Tube

### **Reliability Test**

No.	Items	Inspection Standards	Standards
1	High Temp. Test	Test Condition: Temperature: (105 ± 2) °C Time: 1000 hours  Test Requirement: After the test, the voltage drop shall not have changed by more than 10% of the value measured before the test. The clearing time of the fuse shall be in range.	MIL-STD-202(Test Method 108) GJB360B(Test Method 108)
2	High Humidity Test	Test Condition: Temperature: (40 ± 2) °C Humidity: 90% to 95% Time: 96 hours  Test Requirement: After the test, the voltage drop shall not have changed by more than 10 % of the value measured before the test. The clearing time of the fuse shall be in range.	MIL-STD-202(Test Method 103) GJB360B(Test Method 103)
3	Thermal Shock Test	Test Condition: Per Cycle: -55 °C / 30 minutes, 125 °C / 30 minutes Time: 100 Cycles  Test Requirement: After the test, the voltage drop shall not have changed by more than 10 % of the value measured before the test. The clearing time of the fuse shall be in range.	MIL-STD-202(Test Method 107) GJB360B(Test Method 107)



# SCF6125 Series, Fast Acting, Ceramic Tube

#### Cartridge Fuse-links ( CFL ) Features & Model List Overview

SCF63221A SCF632P21 SCF632A20A SCF632AP20A SCF63220A SCF632P20 SCF632A16A SCF632AP16A SCF63216A SCF632P16 SCF632A16A SCF632AP16A SCF63216A SCF632P16 SCF63215A SCF632P15A SCF632P15 SCF63212.5A SCF632P12.0 SCF63212A SCF632P12.0 SCF63210A SCF632P10 SCF63210A SCF632P10 SCF63210A SCF632P10 SCF632BA SCF
SCF632A20A SCF632AP20A SCF63220A SCF632P20 SCF632A16A SCF632AP16A SCF63216A SCF632P16 SCF632A15A SCF632AP15A SCF63215A SCF632P16 SCF632A15A SCF632AP15A SCF63212.5A SCF632P12.5 SCF63212.5A SCF632P12.5 SCF63210A SCF632P10.5 SCF632BA SCF632P10
0 SCF632A20A SCF632AP20A SCF6322DA SCF632P20 0 SCF632A16A SCF632AP16A SCF632P16 0 SCF632A16A SCF632AP16A SCF63215A SCF632P16 0 SCF632A15A SCF632AP15A SCF63212.5A SCF632P12.5 0 SCF63212.5A SCF632P12.5 0 SCF63210A SCF632P12.5 0 SCF63210A SCF632P10.5 0 SCF632BA SCF632P10.5 0 SC
0 SCF632A20A SCF632AP20A SCF6322DA SCF632P20 0 SCF632A16A SCF632AP16A SCF63216A SCF632P16 0 SCF632A15A SCF632AP15A SCF63215A SCF632P15 0 SCF632125A SCF632P12 0 SCF63212A SCF632P12 0 SCF63210A SCF632P12 0 SCF6326A SCF632P10 0 SCF6326A SCF632P10 0 SCF6326A SCF632P6 0 SCF6326A SCF632P6 0 SCF6326A SCF632P6 0 SCF6326A SCF632P6 0 SCF6325A SCF632P6 0 SCF6321A SCF632P6 0 SCF6321A SCF632P6 0 SCF6321A SCF632P6 0 SCF6321A SCF632P1 0 S
0         SCF632A20A         SCF632AP20A         SCF632P20A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16A         SCF632P16A           0         SCF632A15A         SCF632AP15A         SCF632P12.5A         SCF632P12.5A           0         SCF632BA         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A           0         SCF63212A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P6.3A
0         SCF632A20A         SCF632AP20A         SCF632P20A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16A         SCF632P16A           0         SCF632A15A         SCF632AP15A         SCF632P12.5A         SCF632P12.5A           0         SCF632BA         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A           0         SCF63212A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P6.3A
SCF63220A SCF632AP20A SCF63220A SCF632P20 SCF632A16A SCF632AP16A SCF63216A SCF632P16 SCF632A15A SCF632AP15A SCF63215A SCF632P12.6 SCF63212.5A SCF632P12.6 SCF63212.5A SCF632P12.6 SCF63210A SCF632P12.6 SCF63210A SCF632P12.6 SCF63210A SCF632P12.6 SCF63210A SCF632P10 SCF6328A SCF632P8.6 SCF6326A SCF632P8.6 SCF6325A SCF632P8.6 SCF6325A SCF632P8.6 SCF6325A SCF632P8.6 SCF6321.5A SCF632P3.15 SCF6321.5A SCF632P1.6 SCF6321.5A SCF632P1.6 SCF6321.5A SCF632P1.6 SCF6321.5A SCF632P1.6 SCF6321.5A SCF632P1.6 SCF6321.5A SCF632P1.6 SCF6321.25A SCF632P1.6 SCF632
0         SCF632A20A         SCF632AP20A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16           0         SCF632A15A         SCF632P15A         SCF632P15           0         SCF632AP15A         SCF632P12.5A         SCF632P12.5A           0         SCF63212A         SCF632P12.5A         SCF632P12.5A           0         SCF63210A         SCF632P12.5A         SCF632P12.5A           0         SCF632BA         SCF632P8.6           0         SCF632BA         SCF632P1.6           0         SCF632BA         SCF632P1.2           0         SCF632BA         SCF632P1.2
0         SCF632A20A         SCF632AP20A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16           0         SCF632A15A         SCF632P15A         SCF632P12           0         SCF632AP15A         SCF632P12.5A         SCF632P12.5A           0         SCF63212A         SCF632P12.5A         SCF632P12.5A           0         SCF63210A         SCF632P12.5A         SCF632P12.5A           0         SCF632BA         SCF632P8.6           0         SCF632BA         SCF632P8.7           0         SCF632BA         SCF632P1.7           0         SCF632BA         SCF632P1.7           0         SCF632BA         SCF632P1.7           0         SCF632BA         SCF632P1.7
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF63216A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15A         SCF632P12.           0         SCF63212A         SCF632P12.         SCF632P12.           0         SCF63210A         SCF632P12.         SCF632P12.           0         SCF632BA         SCF632P10.         SCF632BA         SCF632P10.           0         SCF632BA         SCF632P8.         SCF632P8.           0         SCF632BA         SCF632P6.3         SCF632P6.3           0         SCF632BA         SCF632P1.3         SCF632P1.5           0         SCF632BA         SCF632P1.5         SCF632P1.5           0         SCF632BA         SCF632P1.5         SCF632P1.5           0         SCF632BA         SCF632P1.5         SCF632P1.5
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF63216A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15A         SCF632P12.           0         SCF63212.5A         SCF632P12.         SCF632P12.           0         SCF63212A         SCF632P12.         SCF632P12.           0         SCF63210A         SCF632P10.         SCF632P10.           0         SCF632BA         SCF632P8.         SCF632P8.           0         SCF632BA         SCF632P6.3         SCF632P6.3           0         SCF632EA         SCF632P6.3         SCF632P6.3           0         SCF632EA         SCF632P3.1         SCF632P3.1           0         SCF632AA         SCF632P3.1         SCF632P3.1           0         SCF632BA         SCF632P3.1         SCF632P3.1           0
0         SCF632A20A         SCF632AP20A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16A         SCF632P16A           0         SCF632A15A         SCF632AP15A         SCF632P15A         SCF632P15           0         SCF632AP15A         SCF632P15A         SCF632P15A           0         SCF632AP15A         SCF632P15A         SCF632P15A           0         SCF632AP15A         SCF632P15A         SCF632P15A           0         SCF63212A         SCF632P12A         SCF632P12A           0         SCF63210A         SCF632P12A         SCF632P16A           0         SCF632BA         SCF632P8A           0         SCF632BA         SCF632P6A           0         SCF632EA         SCF632P6A           0         SCF632BA         SCF632PA           0         SCF632BA         SCF632PA           0         SCF632BA         SCF632PA           0         SCF632BA         SCF632PA
0         SCF632A20A         SCF632AP20A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15           0         SCF632AP15A         SCF632P15           0         SCF632BA         SCF632P12           0         SCF63212A         SCF632P12           0         SCF63210A         SCF632P12           0         SCF632BA         SCF632P10           0         SCF632BA         SCF632P86           0         SCF632BA         SCF632P86           0         SCF632BA         SCF632P6.3           0         SCF632BA         SCF632P3.1           0         SCF632BA         SCF632P3.1           0         SCF632BA         SCF632P3.1           0 </td
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15           0         SCF632AP15A         SCF632P15           0         SCF632BA         SCF632P12           0         SCF63212A         SCF632P12           0         SCF63210A         SCF632P12           0         SCF632BA         SCF632P10           0         SCF632BA         SCF632P10           0         SCF632BA         SCF632P10           0         SCF632BA         SCF632P84           0         SCF632BA         SCF632P64           0         SCF632BA         SCF632P64           0         SCF632BA         SCF632P64           0         SCF632BA         SCF632P34           0         SCF632BA         SCF632P12           0         SCF632BA         SCF632
0         SCF632A20A         SCF632AP20A         SCF6322DA         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15           0         SCF632AP15A         SCF632P15           0         SCF632BA         SCF632P12.5           0         SCF63212A         SCF632P12.5           0         SCF63210A         SCF632P10.5           0         SCF632BA         SCF632P10.5           0         SCF632BA         SCF632P8.6           0         SCF632BA         SCF632P9.6           0         SCF632BA         SCF632P3.1           0         SCF632BA         SCF632P1.2           0         SCF632BA
0         SCF632A20A         SCF632AP20A         SCF6322DA         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15A         SCF632P15           0         SCF632AP15A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A           0         SCF63212A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A         SCF632P13.5A
0         SCF632A20A         SCF632AP20A         SCF632AP20           0         SCF632A16A         SCF632AP16A         SCF63216A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15         SCF632P15           0         SCF63212.5A         SCF632P12.5         SCF632P12.5           0         SCF63212A         SCF632P12.5         SCF632P12.5           0         SCF63210A         SCF632P12.5         SCF632P12.5           0         SCF632BA         SCF632P8.6         SCF632P8.6           0         SCF6326A         SCF632P8.6         SCF632P6.3           0         SCF6326A         SCF632P6.3         SCF632P6.3           0         SCF6325A         SCF632P6.3         SCF632P6.3           0         SCF6324A         SCF632P3.15         SCF632P3.15           0         SCF6323.15A         SCF632P3.15         SCF632P3.15           0         SCF6322A         SCF632P2.5         SCF632P1.6           0         SCF6321.6A         SCF632P1.25           0         SCF6321A         SCF632P1.25
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15         SCF632P15           0         SCF63212.5A         SCF632P12.5         SCF632P12.5           0         SCF63212A         SCF632P12.5         SCF632P12.5           0         SCF63210A         SCF632P10.5         SCF632P10.5           0         SCF632BA         SCF632P8.6           0         SCF632BA         SCF632P8.6           0         SCF632BA         SCF632P6.3           0         SCF632BA         SCF632P1.6           0         SCF632BA         SCF632P1.6           0         SCF632BA         SCF632P1.6           0         SCF632BA         SCF632P1.2           0         SCF632BA         SCF632P1.2           0         SCF632BA         SCF632P1.2           0
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15         SCF632P15           0         SCF632AP15A         SCF632P12.5A         SCF632P13.5A         SCF632P23.5A         SCF632P23.5A <t< td=""></t<>
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15         SCF632P15           0         SCF63212.5A         SCF632P12.5         SCF632P12.5           0         SCF63212A         SCF632P12.5         SCF632P12.5           0         SCF63210A         SCF632P10.4         SCF632P10.4           0         SCF6328A         SCF632P8.4         SCF632P8.4           0         SCF6326.3A         SCF632P6.3         SCF632P6.4           0         SCF6325A         SCF632P5.4         SCF632P5.4           0         SCF6324A         SCF632P3.15         SCF632P3.15           0         SCF6322.5A         SCF632P2.5         SCF632P2.5           0         SCF6322A         SCF632P2.5
0         SCF632A20A         SCF632AP20A         SCF6322D20A         SCF632P20A           0         SCF632A16A         SCF632AP16A         SCF632P16A         SCF632P16A           0         SCF632A15A         SCF632AP15A         SCF632P15A         SCF632P15A           0         SCF632AP15A         SCF632P12A         SCF632P12A         SCF632P12A           0         SCF63212A         SCF632P12A         SCF632P12A         SCF632P12A         SCF632P12A           0         SCF63210A         SCF632P10A         SCF632P10A         SCF632P10A         SCF632P10A           0         SCF6328A         SCF632P8A         SCF632P8A         SCF632P8A           0         SCF6328A         SCF632P6A         SCF632P6A           0         SCF6326A         SCF632P6A         SCF632P6A           0         SCF6324A         SCF632P4A         SCF632P3A           0         SCF6323A15A         SCF632P3A18         SCF632P2A5           0         SCF6322A         SCF632P2A5
0         SCF632A20A         SCF632AP20A         SCF6322D20A         SCF632P20A           0         SCF632A16A         SCF632AP16A         SCF632P16A         SCF632P16A           0         SCF632A15A         SCF632AP15A         SCF632P15A         SCF632P15B           0         SCF63212.5A         SCF632P12.5B
0         SCF632A20A         SCF632AP20A         SCF6322P20           0         SCF632A16A         SCF632AP16A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15           0         SCF63212.5A         SCF632P12           0         SCF63212.5A         SCF632P12           0         SCF63212A         SCF632P12           0         SCF63210A         SCF632P10           0         SCF6328A         SCF632P8A           0         SCF6328A         SCF632P8A           0         SCF6326.3A         SCF632P6.3           0         SCF6326A         SCF632P6.3           0         SCF6325A         SCF632P6.4           0         SCF6324A         SCF632P3.4           5         SCF632P3.15A         SCF632P3.15A
0         SCF632A20A         SCF632AP20A         SCF6322P20           0         SCF632A16A         SCF632AP16A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15           0         SCF63212.5A         SCF632P12           0         SCF63212.5A         SCF632P12           0         SCF63212A         SCF632P12           0         SCF63210A         SCF632P10           0         SCF6328A         SCF632P8A           0         SCF6326.3A         SCF632P8A           0         SCF6326.3A         SCF632P6A           0         SCF6325A         SCF632P6A           0         SCF6325A         SCF632PAA           0         SCF632AA         SCF632PAA
0         SCF632A20A         SCF632AP20A         SCF6322D20A         SCF632P20A           0         SCF632A16A         SCF632AP16A         SCF632P16A         SCF632P16A           0         SCF632A15A         SCF632AP15A         SCF632P15A         SCF632P15A           0         SCF63212.5A         SCF632P12.5A         SCF632P13.5A
0         SCF632A20A         SCF632AP20A         SCF6322D20A         SCF632P20A           0         SCF632A16A         SCF632AP16A         SCF632P16A         SCF632P16A           0         SCF632A15A         SCF632AP15A         SCF632P15A         SCF632P15A           0         SCF63212.5A         SCF632P12.5A
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15           0         SCF63212.5A         SCF632P12.5           0         SCF63212A         SCF632P12.5           0         SCF632P10A         SCF632P10           0         SCF632BA         SCF632P8A           0         SCF632P6.3         SCF632P6.3
0         SCF632A20A         SCF632AP20A         SCF6322DA         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15         SCF632P15           0         SCF63212.5A         SCF632P12.5A         SCF632P12.5A <t< td=""></t<>
0         SCF632A20A         SCF632AP20A         SCF6322P20           0         SCF632A16A         SCF632AP16A         SCF63216A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15         SCF632P15           0         SCF63212.5A         SCF632P12.5A
0         SCF632A20A         SCF632AP20A         SCF6322DA         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15         SCF632P15           0         SCF63212.5A         SCF632P12.5A         SCF632P12.5A         SCF632P12.5A           0         SCF63212A         SCF632P12         SCF632P12           0         SCF632P10         SCF632P10         SCF632P10
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16         SCF632P15           0         SCF632A15A         SCF632AP15A         SCF632P15           0         SCF63212.5A         SCF632P12.5           0         SCF63212.5A         SCF632P12.5           0         SCF632P12.4         SCF632P12.5
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15           0         SCF63212.5A         SCF632P12.5A
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF63215A         SCF632P15           0         O         O         O         O
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20           0         SCF632A16A         SCF632AP16A         SCF632P16A         SCF632P16           0         SCF632A15A         SCF632AP15A         SCF632P15A
0         SCF632A20A         SCF632AP20A         SCF63220A         SCF632P20A           0         SCF632A16A         SCF632AP16A         SCF63216A         SCF632P16A
<b>0</b> SCF632A20A SCF632AP20A SCF63220A SCF632P20
0 SCF63221A SCF632P21.
<b>0</b> SCF632A25A SCF632AP25A SCF632P25A SCF632P25
<b>0</b> SCF632A30A SCF632AP30A SCF632P30
0 0 0 0

SCF6125 Series, Fast Acting, Ceramic Tube

#### Cartridge Fuse-links (CFL) Features & Model List Overview

Standards  Breaking Capacity  Physical Size ( mm )  Product Structure		Ф6.35	× 25.4	Φ6.35 × 25.4	Ф5 :	× 20 
		300 A ~ 10 kA		6 kA	35 A ~ 200 A	
		U	JL 	IEC / BS	IEC	/ UL
	laterial	Cera	amic 	Ceramic	Gla	ass 
<i>U</i> r d Volta ne F	<sub>ge</sub> (VDC) eature		00) VDC Acting	Medium-Acting	Fast Acting	Time-Lag
II.			VAC	264 VAC	250	VAC
	0.10		0		0	
	0.125		0		0	
	0.16		0		0	
	0.20		0		0	
	0.25		0		0	
	0.315		0		0	
	0.40		0		001 320-300IIIA (-L)	001020-00011A (-L)
	0.50		0		SGF520-500mA (-L)	, ,
	0.63		0		SGF520-800mA (-L) SGF520-630mA (-L)	
	1.00 0.80		0		SGF520-1A (-L)	SGT520-1A (-L)
	1.25		0		SGF5201.25A (-L)	SGT520-1.25A (-L)
	1.60		0		SGF520-1.6A (-L)	SGT520-1.6A (-L)
	2.00		0		SGF520-2A (-L)	SGT520-2A (-L)
Ra	2.50		0		SGF520-2.5A (-L)	SGT520-2.5A (-L)
	3.00		0	SC625FM3A	0	0
Rated Current $I_{ m L(A)}$	3.15		0	0	SGF520-3.15A (-L)	SGT520-3.15A (-L)
5	4.00		0		SGF520-4A (-L)	SGT520-4A (-L)
ע	5.00	SCF625F5A	SCF625PF5A	SC625FM5A	SGF520-5A (-L)	SGT520-5A (-L)
2	6.00	SCF625F6A	SCF632PF6A		0	
<u> </u>	6.30	SCF625F6.3A	SCF625PF6.3A		SGF520-6.3A (-L)	SGT520-6.3A (-L)
	7.00		0	SC625FM7A	0	
	8.00	SCF625F8A	SCF625PF8A		SGF520-8A (-L)	SGT520-8A (-L)
	10.00	SCF625F10A	SCF625PF10A	SC625FM10A	SGF520-10A (-L)	SGT520-10A (-L)
	12.00	SCF625F12A	SCF625PF12A		SGF520-12A (-L)	SGT520-12A (-L)
	12.50	SCF625F12.5A	SCF625PF12.5A		SGF520-12.5A (-L)	SGT520-12.5A (-L)
	13.00		0	SC625FM13A	0	
	15.00	SCF625F15A	SCF625PF15A		SGF520-15A (-L)	SGT520-15A (-L)
	16.00	SCF625F16A	SCF625PF16A		SGF520-16A (-L)	SGT520-16A (-L)
	20.00	SCF625F20A	SCF625PF20A		SGF520-20A (-L)	SGT520-20A (-L)
	21.00		0		0	
	25.00	SCF625F25A	SCF625PF25A		0	
	30.00	SCF625F30A	SCF625PF30A		0	
	40.00	SCF625F40A	SCF625PF40A		0	
	50.00	SCF625F50A	SCF625PF50A			



# SCF6125 Series, Fast Acting, Ceramic Tube

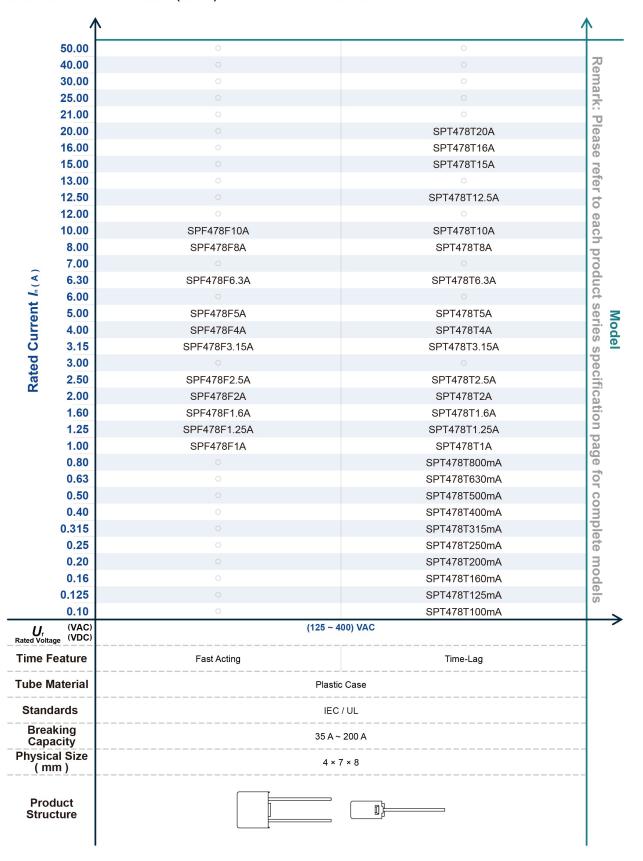
#### Cartridge Fuse-links ( CFL ) Features & Model List Overview

	1	`			
	50.00				
	40.00				
	30.00			SCT520T30A	SCT520PT30A
	25.00	SCF520F25A	SCF520PF25A	SCT520T25A	SCT520PT25A
	21.00				
	20.00	SCF520F20A	SCF520PF20A	SCT520T20A	SCT520PT20A
	16.00	SCF520F16A	SCF520PF16A	SCT520T16A	SCT520PT16A
	15.00	SCF520F15A	SCF520PF15A	SCT520T15A	SCT520PT15A
	13.00				
	12.50	SCF520F12.5A	SCF520PF12.5A	SCT520T12.5A	SCT520PT12.5A
	12.00	SCF520F12A	SCF520PF12A	SCT520T12A	SCT520PT12A
	10.00	SCF520F10A	SCF520PF10A	SCT520T10A	SCT520PT10A
	8.00	SCF520F8A	SCF520PF8A	SCT520T8A	SCT520PT8A
	7.00				
( A	6.30	SCF520F6.3A	SCF520PF6.3A	SCT520T6.3A	SCT520PT6.3A
Current In (A	6.00				
G	5.00	SCF520F5A	SCF520PF5A	SCT520T5A	SCT520PT5A
	4.00	SCF520F4A	SCF520PF4A	SCT520T4A	SCT520PT4A
S	3.15	SCF520F3.15A	SCF520PF3.15A	SCT520T3.15A	SCT520PT3.15A
Rated	3.00	SCF520F3A	SCF520PF3A	SCT520T3A	SCT520PT3A
Zai	2.50	SCF520F2.5A	SCF520PF2.5A	SCT520T2.5A	SCT520PT2.5A
	2.00	SCF520F2A	SCF520PF2A	SCT520T2A	SCT520PT2A
	1.60	SCF520F1.6A	SCF520PF1.6A	SCT520T1.6A	SCT520PT1.6A
	1.25	SCF520F1.25A	SCF520PF1.25A	SCT520T1.25A	SCT520PT1.25A
	1.00	SCF520F1A	SCF520PF1A	SCT520T1A	SCT520PT1A
	0.80	SCF520F800mA	SCF520PF800mA	SCT520T800mA	SCT520PT800mA
	0.63	SCF520F630mA	SCF520PF630mA	SCT520T630mA	SCT520PT630mA
	0.50	SCF520F500mA	SCF520PF500mA	SCT520T500mA	SCT520PT500mA
	0.40	SCF520F400mA	SCF520PF400mA	SCT520T400mA	SCT520PT400mA
	0.315				
	0.25				
	0.20				
	0.16				
	0.125				
	0.10	0	0	0	0
<b>U</b> r ed Volta	(VAC) age (VDC)	(125 ~ 6 (125 ~ 6			00) VAC 00) VDC
me F	eature	Fast <i>F</i>	Acting	Time	e-Lag
ube Material		Cera		eramic	
	dards		IEC	/ UL	
Cap	aking acity	200 A	~ 5 kA	200 A	~ 10 kA
	al Size m)		Ф5 :	× 20	
	duct cture				



### SCF6125 Series, Fast Acting, Ceramic Tube

#### Sub-miniature Fuse-links (SFL) Feature & Model List Overview



SCF6125 Series, Fast Acting, Ceramic Tube

#### Surface Mount Fuse-lingks (SMFL) Feature & Model List Overview

	1	\				1
	50.00	0	0	0	0	Ť
	40.00			SCF1032F40A		
	30.00			SCF1032F30A		
	25.00			SCF1032F25A		
	21.00					
	20.00	SCF6125F20A		SCF1032F20A		
	16.00	SCF6125F16A		SCF1032F16A		1
	15.00	SCF6125F15A		SCF1032F15A	SCT1032T15A	
	13.00					1
	12.50	SCF6125F12.5A	SCT6125T12.5A	SCF1032F12.5A	SCT1032T12.5A	1
	12.00	SCF6125F12A	SCT6125T12A	SCF1032F12A	SCT1032T12A	1
	10.00	SCF6125F10A	SCT6125T10A	SCF1032F10A	SCT1032T10A	
	8.00	SCF6125F8A	SCT6125T8A	SCF1032F8A	SCT1032T8A	1
	7.00					
A	6.30	SCF6125F6.3A	SCT6125T6.3A	SCF1032F6.3A	SCT1032T6.3A	
<b>"</b>	6.00	0	0	0	0	
int	5.00	SCF6125F5A	SCT6125T5A	SCF1032F5A	SCT1032T5A	
rre	4.00	SCF6125F4A	SCT6125T4A	SCF1032F4A	SCT1032T4A	
Rated Current I <sub>6</sub> (A	3.15	SCF6125F3.15A	SCT6125T3.15A	SCF1032F3.15A	SCT1032T3.15A	٦
	3.00	SCF6125F3A	SCT6125T3A	SCF1032F3A	SCT1032T3A	
	2.50	SCF6125F2.5A	SCT6125T2.5A	SCF1032F2.5A	SCT1032T2.5A	٦
	2.00	SCF6125F2A	SCT6125T2A	SCF1032F2A	SCT1032T2A	
	1.60	SCF6125F1.6A	SCT6125T1.6A	SCF1032F1.6A	SCT1032T1.6A	٦
	1.25	0	SCT6125T1.25A	SCF1032F1.25A	SCT1032T1.25A	
	1.00		SCT6125T1A	SCF1032F1A	SCT1032T1A	
	0.80		SCT6125T800mA	001 10021 174	SCT1032T800mA	
	0.63		SCT6125T630mA		SCT1032T630mA	1
	0.50		SCT6125T500mA		SCT1032T500mA	
	0.40		SCT6125T400mA		SCT1032T400mA	
	0.315		SCT6125T315mA	0	SCT1032T315mA	1
	0.25		SCT6125T315IIIA SCT6125T250mA		SCT1032T3T9IIIA SCT1032T250mA	١
	0.20		SCT6125T200mA		SCT1032T200mA	
	0.16		00101231200IIIA		SCT1032T260mA	٦
	0.10		0		SCT1032T100IIIA SCT1032T125mA	
	0.123		0		SCT1032T125IIIA SCT1032T100mA	١
U,	(VAC)	(125 ~ 3	50) VAC	(125 ~ 3	50) VAC	+
	ige (VDC)		25) VDC	(32 ~ 25		-
Time F	eature	Fast Acting	Time-Lag	Fast Acting	Time-Lag	
Tube N	<b>laterial</b>		Cera	mic		
Stand	lards		IEC /	′ UL		
Brea Capa		50 A ~	500 A	100 A ~	1000 A	
<del></del> _	al Size	2.7 × 2	7 × 6.3	3.2 × 3.2	2 × 10.3	
Proc Struc	duct					