



Electronic Fuses

Type SCF/SCF-A

4.5ØX14.5mm



Fast Acting Ceramic Tube Fuse Series



SCF

SCF-A



Approvals

SCF/SCF-A

100mA~8A Certified products for U.S. and Canada

Electrical Characteristics

Rated Current	1 In	1.35In	2 In
	MIN	MAX	MAX
100mA~8A	4 Hrs.	1 hr	5 Sec

Interrupting Ratings

100mA~8A: 10,000 amperes at 125V AC

100mA~3.5A: 100 amperes at 250V AC

3.75A~8A: 200 amperes at 250V AC

100mA~8A: 100 amperes at 350V AC

Operating Temperature

-55°C to +125°C

Physical Specification

Materials

Ceramic Body / Nickel Plated Brass Caps

Lead Wire:

Diameter Ø0.63 mm 7A and less.

Diameter Ø1.0 mm for rating above 8A.

Packaging

- In Bulk:
SCF – 2,000 pcs ; SCF-A – 500 pcs per box
- On Axial Tape & Reel
1,000 pcs per reel.
- Tape & Reel specification:
per EIA-296-E & IEC 286-1
@ 10mm Pitch and 56.5mm inside Tape Spacing.

Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec
SCF .100	SCF-A .100	100 mA	350V	6.6000	0.00150
SCF .125	SCF-A .125	125 mA		5.2050	0.00234
SCF .150	SCF-A .150	150 mA		3.4520	0.00337
SCF .160	SCF-A .160	160 mA		3.1500	0.00384
SCF .175	SCF-A .175	175 mA		3.0000	0.00459
SCF .200	SCF-A .200	200 mA		2.5250	0.00600
SCF .250	SCF-A .250	250 mA		1.9250	0.00937
SCF .300	SCF-A .300	300 mA		1.3300	0.01350
SCF .350	SCF-A .350	350 mA		1.0610	0.02450
SCF .400	SCF-A .400	400 mA		0.3900	0.03200
SCF .500	SCF-A .500	500 mA		0.3100	0.05000
SCF .600	SCF-A .600	600 mA		0.2750	0.07200
SCF .700	SCF-A .700	700 mA		0.2000	0.09800
SCF .750	SCF-A .750	750 mA		0.1840	0.11250
SCF .800	SCF-A .800	800 mA		0.1620	0.16000
SCF 001	SCF-A 001	1 A		0.1240	0.25000
SCF 1.25	SCF-A 1.25	1.25 A	0.0928	0.39000	
SCF 1.50	SCF-A 1.50	1.5 A	0.0725	0.56250	
SCF 1.75	SCF-A 1.75	1.75 A	0.0650	0.76500	
SCF 002	SCF-A 002	2 A	0.0565	1.20000	
SCF 2.50	SCF-A 2.50	2.5 A	0.0351	1.87500	
SCF 003	SCF-A 003	3 A	0.0305	2.70000	
SCF 3.15	SCF-A 3.15	3.15 A	0.0285	2.97600	
SCF 3.50	SCF-A 3.50	3.5 A	0.0257	3.67500	
SCF 004	SCF-A 004	4 A	0.0238	6.40000	
SCF 4.50	SCF-A 4.50	4.5 A	0.0211	8.10000	
SCF 005	SCF-A 005	5 A	0.0172	10.0000	
SCF 006	SCF-A 006	6 A	0.0158	14.4000	
SCF 6.30	SCF-A 6.30	6.3 A	0.0140	16.9000	
SCF 007	SCF-A 007	7 A	0.0125	24.5000	
SCF 7.50	SCF-A 7.50	7.5 A	0.0110	28.1250	
SCF 008	SCF-A 008	8 A	0.0100	32.0000	

Mechanical Dimensions

