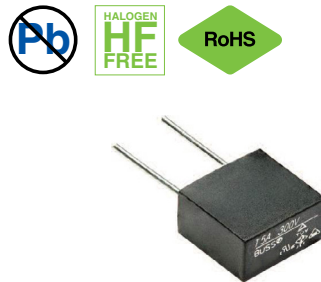


# SS-5F

## 250 V Fast-acting subminiature fuse



### Product description

- Fast-acting subminiature fuse
- Designed to UL 248-14
- Plastic cap and base, flammability UL 94V0
- 8.7 mm x 4.5 mm through hole package in a 8.05 mm height
- Protects against harmful overcurrents in primary and secondary applications
- Small radial-leaded design utilizes less board space
- Halogen free, lead free and RoHS compliant.

### Applications

Primary and secondary circuit protection:

- Power supplies
- Notebooks and laptops
- Appliances and white goods
- Lighting ballasts
- Power adapters
- Set top boxes
- LED/LCD televisions and displays
- Air conditioners
- Battery chargers

### Agency information

- cULus: Recognition file number E19180, Guide JDYX/JDYX7
- PSE: JET 1641-31007-1001, JET 1641- 31007-1002

### Ordering

- Use ordering number (see page 4 for details)

### Packaging suffixes

- -BK (200 parts in polybag, Lead L= 4.3 ±0.3 mm)
- -BK2 (200 parts in polybag, Lead L= 21 ±3.0 mm)
- -AP (1000 parts Ammo pack, Pitch =12.7 mm)

**Electrical characteristics**

$I_n$	$1I_n$ min hour	$1.5I_n$ max minute	$2I_n$ max ms
800 mA - 10 A	4	10	2

**Product specifications**

Part number <sup>5</sup>	Current rating (A)	Voltage rating (V <sub>AC</sub> )	Interrupting rating at rated voltage <sup>1</sup> (50 Hz) AC (A <sub>AC</sub> )	Typical DC cold resistance <sup>2</sup> (mΩ)	Typical melting <sup>3</sup> I <sup>2</sup> t (A <sup>2</sup> s)	Typical voltage drop <sup>4</sup> (mV)	cULus	PSE+
SS-5F-800mA	0.8	250	50	225	1.24	300	X	
SS-5F-1A	1.0	250	50	165.5	2.22	279	X	X
SS-5F-1.25A	1.25	250	50	116.5	3.83	244	X	X
SS-5F-1.6A	1.6	250	50	76	6.42	210	X	X
SS-5F-2A	2.0	250	50	55.5	9.35	194	X	X
SS-5F-2.5A	2.5	250	50	46	14.0	201	X	X
SS-5F-3.15A	3.15	250	50	31.5	22.5	168	X	X
SS-5F-4A	4.0	250	50	22.25	33.6	154	X	X
SS-5F-5A	5.0	250	50	16	53.7	154	X	X
SS-5F-6.3A	6.3	125	50	14.5	74.3	157	X	X
SS-5F-7A	7.0	125	50	11.4	107	133	X	X
SS-5F-8A	8.0	125	50	9.9	107	133	X	X
SS-5F-10A	10	125	50	6.5	146	109	X	X

1. Interrupting ratings: 800 mA to 10 A measured at 50 A, 95%-100% of PF on AC
2. Typical cold resistance measured at <10% of rated current
3. I<sup>2</sup>t value measured at 10I<sub>n</sub>
4. Typical voltage drop measured at 20 °C ambient temperature at rated current
5. Part number definition: SS-5F-xxxA  
 SS-5F= Product code  
 xxxA= Ampere rating  
 xxxmA= Milliampere rating

**Dimensions and packaging- mm [in]**

