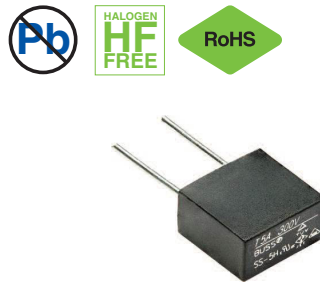


SS-5H

300V Subminiature, radial leaded, time-delay fuses



Product description

- Radial leaded, time delay with high breaking capacity
- Designed to IEC60127-3
- Plastic cap and base, flammability UL 94V0
- Protects against harmful overcurrents in primary and secondary applications
- Small rectangular-leaded design utilizes less board space
- High frequency vibration: MIL-STD-202F, Method 201A
- Halogen free, lead free, 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

- UL Recognition: File E19180, Guide JDYX2/JDYX8
- VDE: 40031800
- TUV: J50190080
- CQC: 11012056980
- PSE: JET 1641-31007-1006 (1- 5A); JET 1641-31007-1007 (6.3A)
- KC: SU05011-11001 (1~2.5A); SU05011-11002 (3.15~6.3A)

Ordering

- Specify part number and packaging suffix as shown

| Part number | Packaging suffix |
|-------------|------------------|
| SS-5H-1A | -AP |

Packaging suffixes

250V Version

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

300V Version

- -APH (1000 parts Ammo pack, Pitch =12.7mm)
- -BKH (200 parts in a polybag, Lead L=4.3 ±0.3mm)
- -BK2H (200 parts in a polybag, Lead L=21 ±3.0mm)



Powering Business Worldwide

Electrical characteristics

| I_n | $1.5I_n$ min minute | $2.1I_n$ max minute | $2.75I_n$ min ms | $2.75I_n$ max s | $4I_n$ min ms | $4I_n$ max s | $10I_n$ min ms | $10I_n$ max ms |
|-----------|---------------------------|---------------------------|---------------------|--------------------|---------------------|--------------------|----------------------|----------------------|
| 1A - 6.3A | 60 | 2 | 400 | 10 | 150 | 3 | 20 | 150 |

Product specifications

| Part number | Voltage rating ¹ AC | Interrupting rating at rated voltage (50Hz) AC (amps) | Typical DC cold resistance ² (mΩ) | Typical melting ³ I ² t (A2s) | Typical voltage drop ⁴ (mV) | VDE ¹ | TUV ¹ | CURUs ¹ | CQC ¹ | KC ¹ | PSE+JET ¹ |
|-------------|--------------------------------|---|--|---|--|------------------|------------------|--------------------|------------------|-----------------|----------------------|
| SS-5H-1A | 300 | 100 | 78 | 7.4 | 94.5 | X | X | X | X | X | X |
| SS-5H-1.25A | 300 | 100 | 57 | 12.8 | 87 | X | X | X | X | X | X |
| SS-5H-1.6A | 300 | 100 | 43 | 23 | 79 | X | X | X | X | X | X |
| SS-5H-2A | 300 | 100 | 31.2 | 29.8 | 75 | X | X | X | X | X | X |
| SS-5H-2.5A | 300 | 100 | 23.0 | 40.3 | 73.5 | X | X | X | X | X | X |
| SS-5H-3.15A | 300 | 100 | 17.5 | 67 | 62.5 | X | X | X | X | X | X |
| SS-5H-4A | 300 | 100 | 12 | 87 | 60.5 | X | X | X | X | X | X |
| SS-5H-5A | 300 | 100 | 7.35 | 120 | 43 | X | X | X | X | X | X |
| SS-5H-6.3A | 300 | 100 | 7.4 | 176 | 59 | X | X | X | X | X | X |

- CQC and KC-Mark voltage rating only 250Vac. VDE, TUV, cURus and PSE voltage ratings given at both 250Vac and 300Vac
- Typical cold resistance (measured at <10% of rated current)
- I²t value is measured at 10I_n DC
- Typical voltage drop (voltage drop was measured at 20°C ambient temperature at rated current)

Dimensions and packaging (mm)

