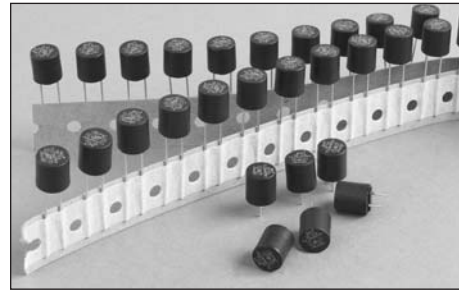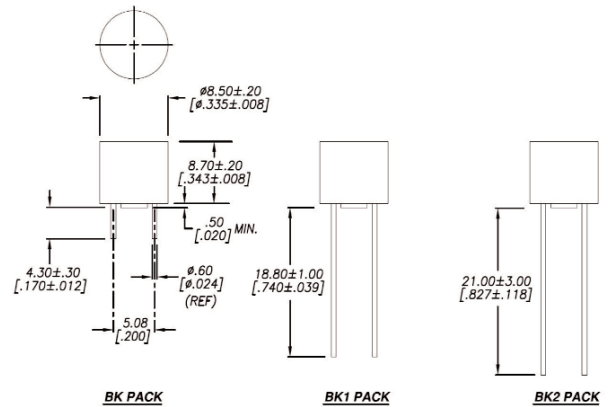# Subminiature Fuses
SR-5H Series, Time-Delay

Description

- Radial leaded time-delay thru-hole fuse
- Designed to IEC 60127-3, Sheet 4
- Ideal for electronic lighting ballasts
- cURus Recognized at 300V/100A
- Internationally accepted for primary and secondary overcurrent protection
- Place directly into PCB or plug into BK/PCS holder
- High inrush withstand capability
- Compatible with leaded and lead-free reflow and wave solder
- Plastic base/cap, UL 94V0
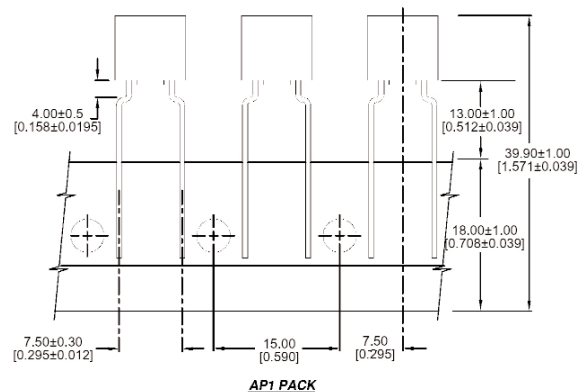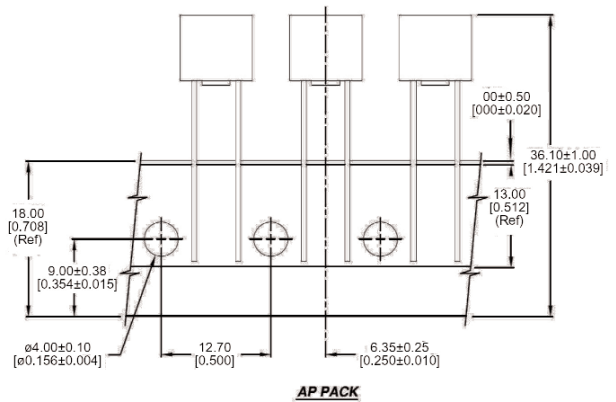- Halogen Free and Lead Free
- Pins are tin-plated copper

HALOGEN HF FREE

RoHS 2002/95/EC

Electrical Characteristics

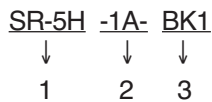| Rated Current	1.5 I_n min	2.1 I_n max	2.75 I_n min	max	4 I_n min	max	10 I_n min	max
400mA-5A	60 min	2 min	400 ms	10 sec	150 ms	3 sec	20 ms	150 ms

Agency Information

- cURus*: File E19180 JDYX2, JDYX8
- PSE**: File JET5766-31007-1003
- VDE: File 40020842
- VDE Acceptance: File 40020843
- SEMKO: File 902106
- CCC: File 2008010207286826
- CQC: File CQC08012024960
- EK: File SU05025-8004, SU05025-8005

*cURus: 400mA - 5A @ 300Vac/100A
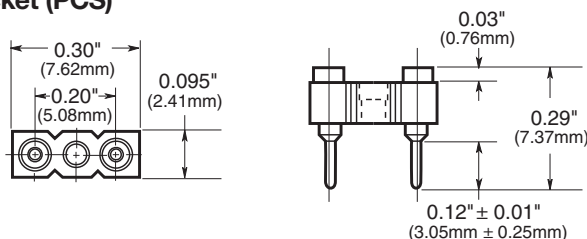**PSE: 1 - 5A @ 300Vac/100A

Specifications

- Solderability: EIA-186-9E Method 9
- High Frequency Vibration: MIL-STD-202F, Method 201A
- Operating Temperature: -40°C to +85°C
- Soldering Heat Resistance: 260°C, 10S (IEC 60068-2-20)

Ordering

SR-5H -1A- BK1
  ↓   ↓   ↓
  1   2   3

1 Series Number: SR-5H
2 Amp Rating: 1A
3 Packaging Code: BK1 or BK, BK2, AP, AP1

Socket (PCS)

0.30" (7.62mm)
0.20" (5.08mm)
0.095" (2.41mm)
0.03" (0.76mm)
0.29" (7.37mm)
0.12" ± 0.01" (3.05mm ± 0.25mm)

Dimensions-mm

Bulk Packing

Ø8.50±.20 [Ø.335±.008]
8.70±.20 [.343±.008]
.50 [.020] MIN.
4.30±.30 [.170±.012]
Ø.60 [Ø.024] (REF)
5.08 [.200]
18.80±1.00 [.740±.039]
21.00±3.00 [.827±.118]

BK PACK   **BK1 PACK**   **BK2 PACK**

Ammo Packing

00±0.50 [000±0.020]
36.10±1.00 [1.421±0.039]
13.00 [0.512] (Ref)
18.00 [0.708] (Ref)
9.00±0.38 [0.354±0.015]
Ø4.00±0.10 [Ø0.156±0.004]
12.70 [0.500]
6.35±0.25 [0.250±0.010]

AP PACK

4.00±0.5 [0.158±0.0195]
13.00±1.00 [0.512±0.039]
39.90±1.00 [1.571±0.039]
18.00±1.00 [0.708±0.039]
7.50±0.30 [0.295±0.012]
15.00 [0.590]
7.50 [0.295]

AP1 PACK

Specifications

Part Number	Voltage Rating Vac	Interrupting Rating (amps)@ Rated Voltage	Typical DC Cold Resistance (Ω)	Typical Melting I²t	Voltage Drop (mV) @ 20°C Rated Current	Agency Approvals					
						VDE	SEMKO	cURus*	CCC	EK-MARK	PSE*
SR-5H-400mA	250	100	0.285	0.771618	127			X			
SR-5H-500mA	250	100	0.24	2	143			X			
SR-5H-630mA	250	100	0.162	3.5	120			X			
SR-5H-800mA	250	100	0.113	6.5	107			X			
SR-5H-1A	250	100	0.081	7.5	93	X	X	X	X	X	X
SR-5H-1.25A	250	100	0.06	13	88	X	X	X	X	X	X
SR-5H-1.6A	250	100	0.043	24	85	X	X	X	X	X	X
SR-5H-2A	250	100	0.031	30	74	X	X	X	X	X	X
SR-5H-2.5A	250	100	0.025	45	75	X	X	X	X	X	X
SR-5H-3.15A	250	100	0.018	57	73	X	X	X	X	X	X
SR-5H-4A	250	100	0.013	80	65	X	X	X	X	X	X
SR-5H-5A	250	100	0.007	115	45	X**	X	X	X***	X	X

* cURus: 400mA - 5A @ 300Vac/100A; PSE: 1 - 5A @ 300Vac/100A
** Acceptance
*** CQC

COOPER Bussmann

Time-Current Curve
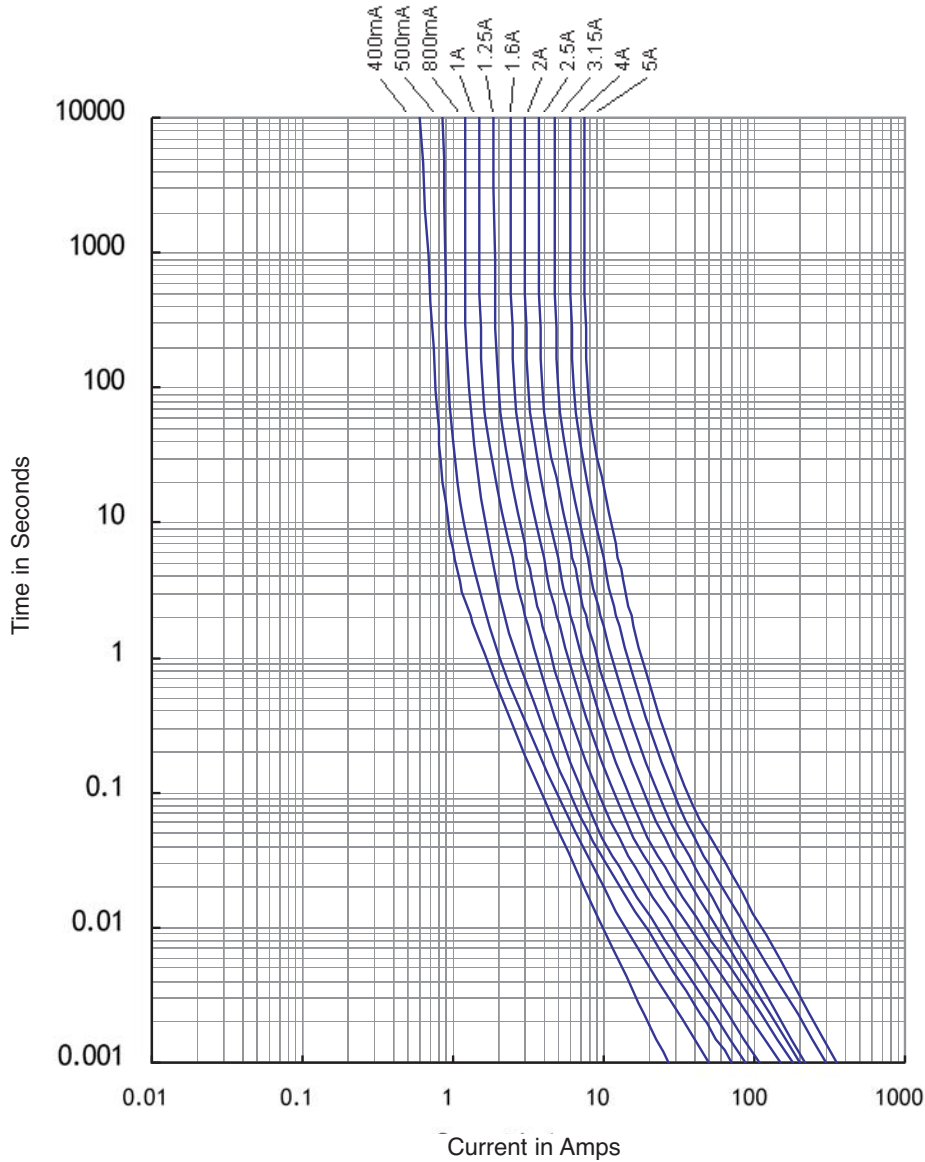
Packaging Suffix	
Packaging Code	**Description**
-BK	200 fuses in polybag, Lead L=4.3+/-0.3
-BK1	200 fuses in polybag, Lead L=18.8+/-1.0
-BK2	200 fuses in polybag, Lead L=21+/-3.0
-AP	1000 fuses, ammo-pack, pitch=12.7
-AP1	1000 fuses, ammo-pack, pitch=15

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