



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



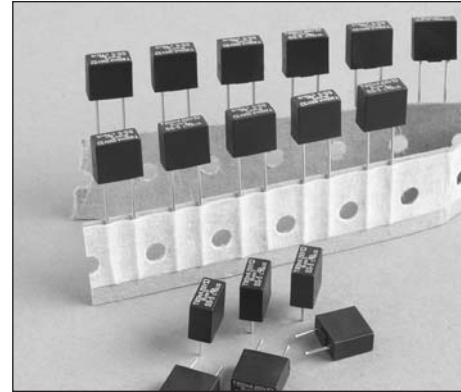
Subminiature Fuses

SS-5 Series, Time-Delay



Description

- Time-delay subminiature fuse with low breaking capacity
- Plastic cap and base, flammability UL 94V0
- Lead wire with tin-plated copper, diameter 0.6mm
- Protects against harmful overcurrents in primary and secondary applications
- Small rectangular-leaded design minimizes board space and eliminates need for additional mounting components (BK/PCS holder optional if field replacement is desirable)
- Designed to IEC 60127-3 Sheet 4 (400mA - 4A) and extension 5A, 6.3A



Electrical Characteristics										
Rated Current	1.5 x I _n		2.1 x I _n		2.75 x I _n		4 x I _n		10 x I _n	
	min	max	min	max	min	max	min	max	min	max
400mA-6.3A	1hr	2 min	400 mS	10 Sec.	150 mS	3 Sec.	20 mS	150 mS		

Agency Information

- cURus: File E19180, Guide JDYX2/JDYX8
- VDE: File 40015513
- SEMKO: File 807650, 808892
- CQC: File CQC08012025533
- PSE: File JET1641-31007-1001, JET1641-31007-1002
- EK-MARK: File SU05011-8001, SU05011-8002, SU05011-8003

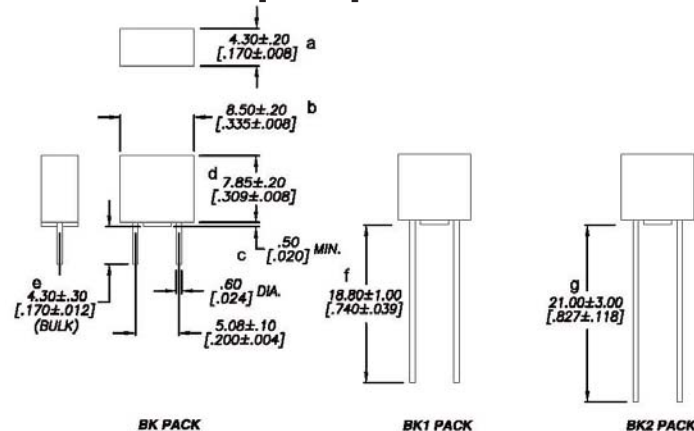
Specifications

- Solderability: EIA-186-9E Method 9
- High frequency vibration: MIL-STD-202F, Method 201A
- Operating temperature: -40°C to +125°C
- Soldering heat resistance: 260°C, 10 sec. max (IEC 60068-2-20)

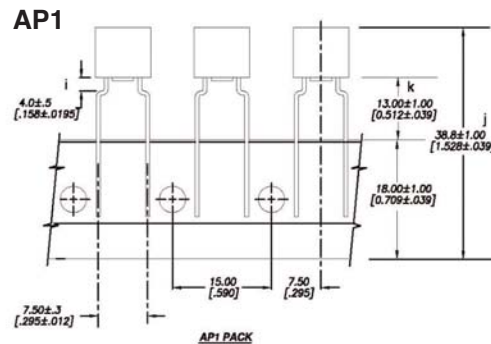
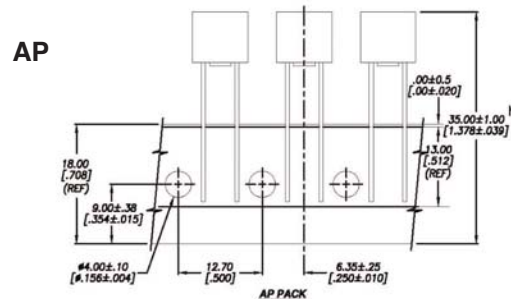
Ordering

- Specify product and packaging code (i.e., SS-5-1A-AP)

Dimensions - mm / [inches]



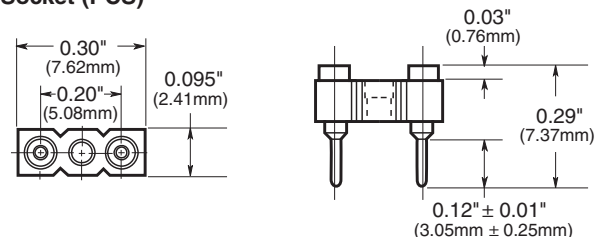
Packaging - mm / [inches]



Mounting Socket (RoHS compliant)

- Available as option. Specify catalog number BK/PCS (In bulk 100 per bag)

Socket (PCS)



Specifications

Catalog Number	Voltage Rating (Vac)	Interrupting Rating (amps) @ Rated Voltage (50Hz)**	Typical DC Cold Resistance (mΩ)***	Typical Melting I ² t†	Typical Voltage Drop@1I _n (mV)‡	Agency Approvals					
						VDE	SEMKO	cRUus	CQC	EK-MARK	PSE
SS-5-400mA	250	35	330	1.67	147	X		X	X	X	
SS-5-500mA	250	35	257.5	1.79	151.5	X	X	X	X	X	
SS-5-630mA	250	35	140	1.51	100.5	X	X	X	X	X	
SS-5-800mA	250	35	118	4.21	110.5	X	X	X	X	X	
SS-5-1A	250	35	80.75	7.4	94.5	X	X	X	X	X	X
SS-5-1.25A	250	35	624	12.75	93.5	X	X	X	X	X	X
SS-5-1.6A	250	35	41	23	71.5	X	X	X	X	X	X
SS-5-2A	250	35	31.15	29.8	75	X	X	X	X	X	X
SS-5-2.5A	250	35	24.30	40.3	74.5	X	X	X	X	X	X
SS-5-3.15A	250	35	16.75	67	62.5	X	X	X	X	X	X
SS-5-4A	250	40	12.75	87	65.4	X	X	X	X	X	X
*SS-5-5A	250	50	7.35	120	43	X	X	X	X	X	X
*SS-5-6.3A	250	63	7.40	176	59	X	X	X	X	X	X

*Conducting path min. 0.2mm²

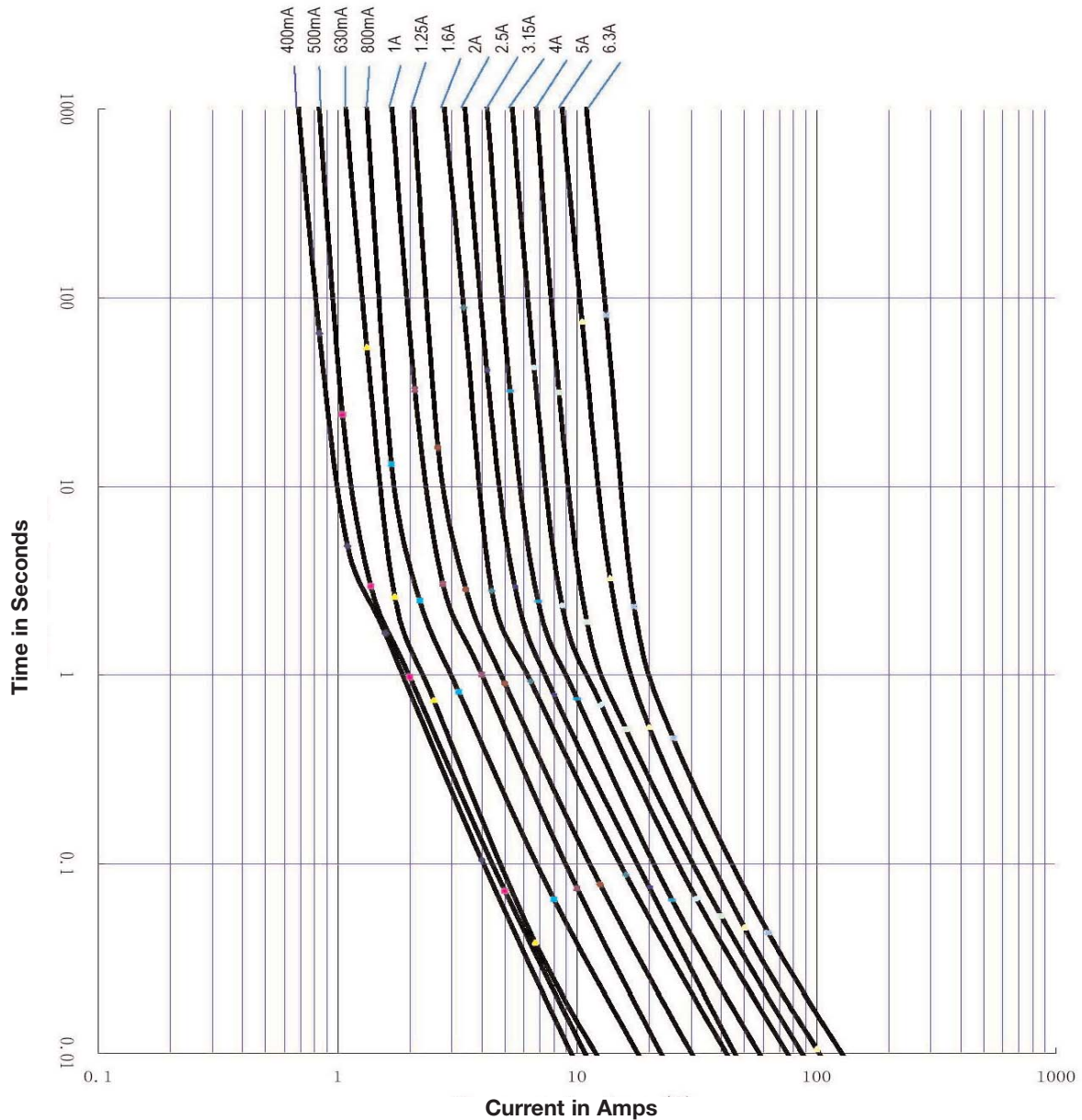
**Interrupting ratings: 400mA-3.15A were measured at 35A, 95%-100% of PF on AC; 4A, 5A & 6.3A measured at 10x Rated Current, 95%-100% of PF on AC.

***Typical cold resistance measured at <10% of rated current.

†I²t value is measured at 10I_n DC.

‡ Typical voltage drop measured at 20°C ambient temperature at rated current.

Time-Current Curve



Packaging Code	
Packaging Suffix	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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