

Subminiature Fuses

SS-5F Series, Fast-Acting

Description

- Fast-acting subminiature fuse
- 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 radial-leaded design minmizes board space and eliminates need for additional mounting components (BK/PCS holder optional if field replacement is desirable)
- Designed to UL 248-14

Electrical Characteristics						
Rated	Rated 1 xl _n		2 xl _n			
Current	min	max	max			
800mA-10A	4hr	10 min	2 min			

Agency Information

- _cUL_{us}: File E19180, Guide JDYX/JDYX7
- PSE: JET1641-31007-1001, JET1641-31007-1002

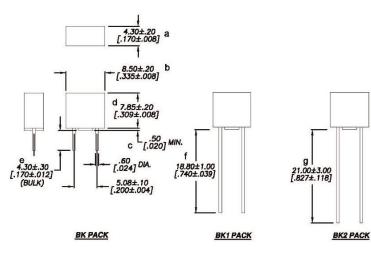
Specifications

- 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, 10 Sec. max. (IEC 60068-2-20)

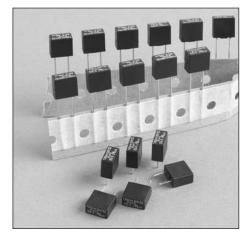
Ordering

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

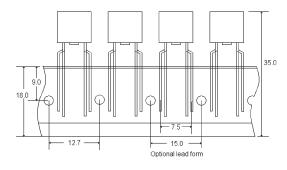
Dimensions - mm / [inches]







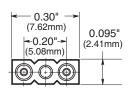
Packaging – mm

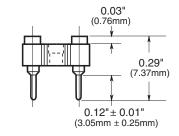


Mounting Socket (RoHS compliant)

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

Socket (PCS)





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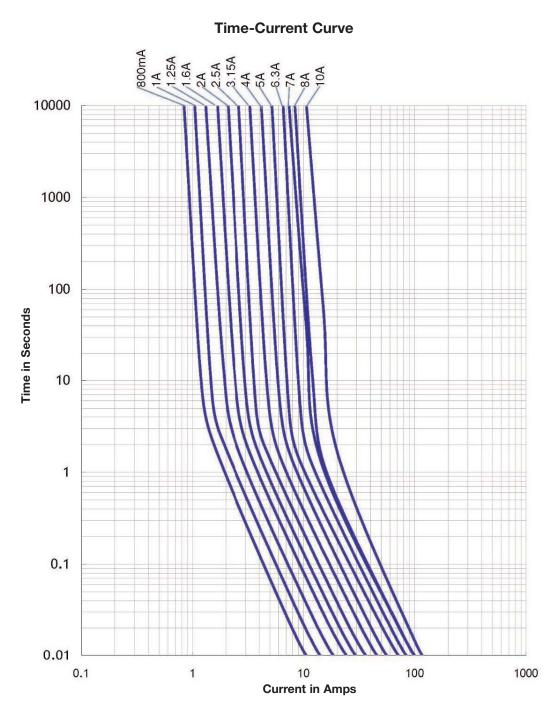


Specifications								
Catalog	Voltage Rating	Interrupting Rating (amps) @ Rated	Typical DC Cold	Typical	Typical Voltage	Agency Approvals		
Number	(Vac)	Voltage (50Hz)**	Resistance (mΩ)***	Melting I ² t [†]	Drop@1In (mV)‡	cULus	PSE	
SS-5F-800mA	250	50	225	1.2437	300	Х		
SS-5F-1A	250	50	165.5	2.2166	279	Х	Х	
SS-5F-1.25A	250	50	116.5	3.8236	243.5	Х	Х	
SS-5F-1.6A	250	50	76	6.4223	210	Х	Х	
SS-5F-2A	250	50	55.5	9.3532	193.5	Х	Х	
SS-5F-2.5A	250	50	46	14.0038	201	Х	Х	
SS-5F-3.15A	250	50	31.5	22.5299	168	Х	Х	
SS-5F-4A	250	50	22.25	33.6329	153.5	Х	Х	
*SS-5F-5A	250	50	16	53.6831	154.125	Х	Х	
*SS-5F-6.3A	125	50	14.5	74.2705	156.5	Х	Х	
*SS-5F-7A	125	50	11.4	107.0518	133	Х	Х	
*SS-5F-8A	125	50	9.9	107.05176	132.5	Х	Х	
*SS-5F-10A	125	50	6.5	145.9163	108.5	Х	Х	

*Conducting path min. 0.2mm² **Interrupting ratings: 800mA to 10A were measured at 50A, 95%-100% of PF on AC. ***Typical cold resistance measured at <10% of rated current. H^2 value is measured at 10I_n DC. ‡ Typical voltage drop was measured at 20°C ambient temperature at rated current.



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Packaging Code			
Packaging Suffix	ing 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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