



5mm x 20mm Fuses

S506 Series, Time Delay, Glass Tube

Description

- Time delay, low breaking capacity
- 5mm x 20mm physical size
- · Glass tube, nickel-plated brass endcap construction
- Optional axial leads are .032" x 1.5" copper tinned
- Designed to IEC 60127-2 (500mA-6.3A)

S506 ELECTRICAL CHARACTERISTICS							
	2.1 In	2.75 In		4 In		10 In	
In	max	min	max	min	max	min	max
32mA-100mA	2 min	200 ms	10 sec	40 ms	3 sec	10 ms	300 ms
125mA-6.3A	2 min	600 ms	10 sec	150 ms	3 sec	20 ms	300 ms
8A-12.5A	2 min	600 ms	10 sec	150 ms	3 sec	20 ms	300 ms

Ordering

• Specify product code, option code and packaging code

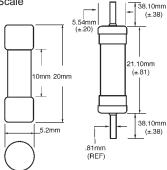
Agency Information

- UL Recognized Card: (1A-6.3A) Guide JDYX2, File E19180
- Semko Approval, 500mA-6.3A
- VDE Approval, 500mA-5A
- BSI Approval, 500mA-6.3A
- IMQ Approval, 800mA-6.3A
- MITI Approval, 1A-6.3A



Dimensions

Drawing Not to Scale



SPECIFICATIONS						
Product Code	Voltage Rating	Interrupting Rating at Rated Voltage (50Hz)	Typical DC Cold Resistance	Minimum Pre-Arching I ² t	Maximum Voltage	
	AC	AC	(ohms)*	(A ² Sec) AC†	Drop (mV)‡	
S506-500mA	250V	35A	0.268	0.67	190	
S506-630mA	250V	35A	0.191	1.0	170	
S506-800mA	250V	35A	0.131	2.2	150	
S506-1A	250V	35A	0.064	2.7	90	
S506-1.25A	250V	35A	0.046	6.7	85	
S506-1.6A	250V	35A	0.039	9.7	85	
S506-2A	250V	35A	0.029	15	85	
S506-2.5A	250V	35A	0.024	25	85	
S506-3.15A	250V	35A	0.018	51	80	
S506-4A	250V	35A	0.013	88	80	
S506-5A	250V	35A	0.010	150	75	
S506-6.3A	250V	35A	0.009	214	75	
S506-8A	250V	35A	0.007	192	80	
S506-10A	250V	35A	0.005	420	75	
S506-12.5A	250V	35A	0.004	812	75	

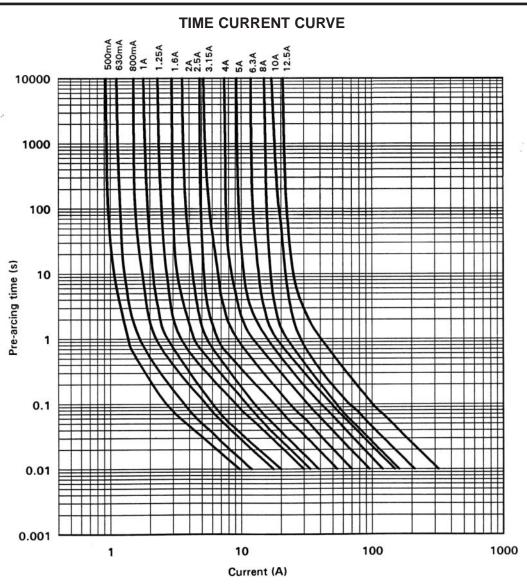
† ‡

DC Cold Resistance (Measured at <10% of rated current) Minimum Pre-Arching I²t (Measured at 10 In and rated voltage) Maximum Voltage Drop (Voltage drop was measured at 20°C ambient temperature at rated current)



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OPTION CODE				
Option Code	Description			
V	Axial leads - copper tinned wire with nickel plated brass overcaps			

PACKAGING CODE				
Packaging Code	Description			
BK	100 pieces of fuses packed into a cardboard carton			
BK1	1,000 pieces of fuses packed into a poly bag			
TR2	1,500 pieces of fuses packed into tape on a reel			

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