



# 5mm x 20mm Fuses S501 Series, Fast Acting, Ceramic Tube

## **Description**

- Fast acting
- 5mm x 20mm physical size
- Ceramic tube, nickel brass endcap construction
- Optional axial leads are .032" x 1.5" copper tinned
- Designed to IEC 60127-2

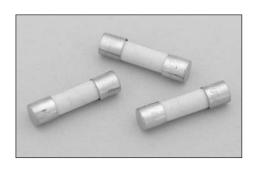
ELECTRICAL CHARACTERISTICS							
	1.5 ln	2.1 ln	2.75 ln		4 In		10 ln
In	min	max	min	max	min	max	max
50mA-3.15A	60 min	30 min	10 ms	2 sec	3 ms	300 ms	20 ms
4A-10A	60 min	30 min	10 ms	3 sec	3 ms	300 ms	20 ms

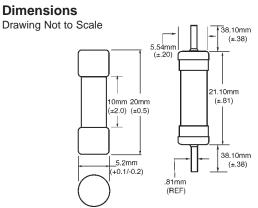
### Ordering

Specify product code, option code and packaging code

### **Agency Information**

- UL Recognized Card: (50mA and 315mA-6.3A) Guide JDYX2, File E19180
- Semko Approval 50mA, 200mA, and 315mA-6.3A
- VDE Approval 1.25A-6.3A
- IMQ Approval 500mA, and 2A-6.3A





SPECIFICATIONS						
	Voltage	Interrupting Rating	Typical	Typical		
Product Code	Rating	at Rated Voltage	Melting I <sup>2</sup> t (A <sup>2</sup> Sec)	Voltage		
	AC	AC	AC	Drop (mV)‡		
S501-50mA	250V	1500A	0.0017	9000		
S501-63mA	250V	1500A	0.0005	3300		
S501-80mA	250V	1500A	0.0011	2600		
S501-100mA	250V	1500A	0.0018	2300		
S501-125mA	250V	1500A	0.0037	1900		
S501-160mA	250V	1500A	0.008	1600		
S501-200mA	250V	1500A	0.020	1350		
S501-250mA	250V	1500A	0.027	1300		
S501-315mA	250V	1500A	0.010	1400		
S501-400mA	250V	1500A	0.018	1200		
S501-500mA	250V	1500A	0.038	1050		
S501-630mA	250V	1500A	0.064	1200		
S501-800mA	250V	1500A	0.097	490		
S501-1A	250V	1500A	0.480	230		
S501-1.25A	250V	1500A	0.9	200		
S501-1.6A	250V	1500A	1.9	180		
S501-2A	250V	1500A	2.0	205		
S501-2.5A	250V	1500A	3.9	190		
S501-3.15A	250V	1500A	8.1	160		
S501-4A	250V	1500A	14	160		
S501-5A	250V	1500A	25	155		
S501-6.3A	250V	1500A	48	150		
S501-8A	250V	1500A	N/A	N/A		
S501-10A	250V	1500A	N/A	N/A		

<sup>‡</sup> Typical Voltage Drop (Voltage drop was measured at 20°C ambient temperature at rated current)

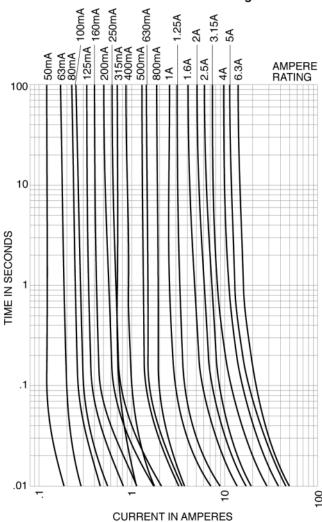




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## TIME CURRENT CURVE

### Time-Current Characteristic Curves-Average Melt



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

PACKAGING CODE				
Packaging Code	le Description			
BK	100 pieces of fuses packed into a cardboard carton with flaps folded			
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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Visit us on the Web at www.cooperET.com

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