



FEATURES :

- * IEC 60127-2, Sheet III
- * Time-Lag Type (Surge-Proof Type)
- * S506 : Cartridge Type / S506-V : Axial Lead Type

APPROVALS :

- * SEMKO Certificate [32mA - 10A]
- * BSI Applicable [32mA-10A]
- * VDE License [32mA-10A]
- * IMQ Certificate [32mA-10A]
- * UL Recognized File No.E19180 [32mA - 15A]
- * CSA Component Acceptance [50mA - 10A]
- * CCC Approval [32mA - 6.3A]
- * Authorized by METI [1A - 10A]

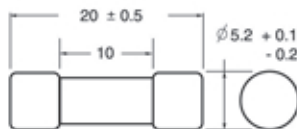


RoHS-Compliant Product
Option code: -R

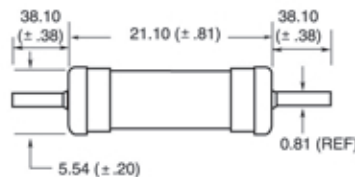
S506 / S506-V SERIES

DIMENSIONS :

[S506]



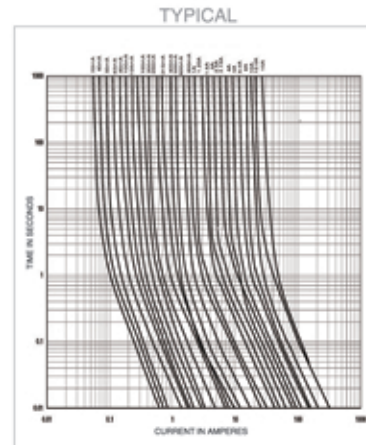
[S506-V]



ELECTRICAL CHARACTERISTICS :

% of Ampere Rating	Ampere Rating	Opening Time	
		Minimum	Maximum
210%	32mA - 100mA	-	2 min
	125mA - 15A	-	2 min
275%	32mA - 100mA	200 ms	10 sec
	125mA - 15A	600 ms	10 sec
400%	32mA - 100mA	40 ms	3 sec
	125mA - 15A	150 ms	3 sec
1000%	32mA - 100mA	10 ms	300 ms
	125mA - 15A	20 ms	300 ms

AVERAGE TIME CURRENT CURVE :



SPECIFICATIONS :

Catalog Symbol	Ampere Rating	Voltage Rating AC	Interrupting Rating at Rated Voltage (50Hz) AC	Typical Cold Resistance (Ohm) *1	Typical Pre-Arcing I ² t (A ² sec) AC *2	Typical Voltage Drop *3 (mV)
S506 / S506-V	32 mA	250 V	35 A	21.0	0.0051	1050
S506 / S506-V	40 mA	250 V	35 A	13.90	0.0072	920
S506 / S506-V	50 mA	250 V	35 A	9.24	0.0095	800
S506 / S506-V	63 mA	250 V	35 A	6.96	0.021	760
S506 / S506-V	80 mA	250 V	35 A	4.42	0.038	580
S506 / S506-V	100 mA	250 V	35 A	2.80	0.045	490
S506 / S506-V	125 mA	250 V	35 A	1.97	0.063	390
S506 / S506-V	160 mA	250 V	35 A	1.27	0.093	320
S506 / S506-V	200 mA	250 V	35 A	1.00	0.114	340
S506 / S506-V	250 mA	250 V	35 A	0.640	0.265	270
S506 / S506-V	315 mA	250 V	35 A	0.450	0.621	250
S506 / S506-V	400 mA	250 V	35 A	0.31	0.872	210
S506 / S506-V	500 mA	250 V	35 A	0.183	0.827	140
S506 / S506-V	630 mA	250 V	35 A	0.186	1.33	150
S506 / S506-V	800 mA	250 V	35 A	0.129	2.78	75
S506 / S506-V	1 A	250 V	35 A	0.0757	6.45	87.5
S506 / S506-V	1.25 A	250 V	35 A	0.060	10.05	86
S506 / S506-V	1.6 A	250 V	35 A	0.0425	21.7	82
S506 / S506-V	2 A	250 V	35 A	0.03325	31.6	77
S506 / S506-V	2.5 A	250 V	35 A	0.0255	59.4	72.5
S506 / S506-V	3.15 A	250 V	35 A	0.0185	96.4	68.5
S506 / S506-V	4 A	250 V	40 A	0.0139	71.8	67
S506 / S506-V	5 A	250 V	50 A	0.00985	142.5	60.5
S506 / S506-V	6.3 A	250 V	63 A	0.0071	237.6	54
S506 / S506-V	8 A	250 V	80 A	0.007	255.8	55
S506 / S506-V	10 A	250 V	100 A	0.005	450	54

NOTE :

1. Typical DC Cold Resistance (measured at <10% of rated current)
2. Typical Pre-Arcing I²t (measured at 10 In, DC)

3. Voltage Drop (measured at 20°C ambient temperature at rated current)