S504

5 mm x 20 mm Time-delay glass tube fuses

Product features

- Time delay, low breaking capacity
- 5 mm x 20 mm physical size
- Glass tube, nickel-plated brass endcap construction
- Optional axial leads are .032" x 1.5" copper tinned
- Designed to IEC 60127-2 (50 mA - 6.3 A)

Ordering

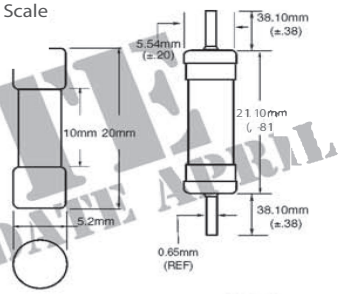
- Specify product code, option code and packaging code

Agency information

- UL Recognized Card: (32 mA-3.15 A) Guide JDYX2, File E19180
- Semko Approval, 32 mA-6.3 A
- VOE Approval, 32 mA-5 A
- BSI Approval, 32 mA-6.3 A
- IMQ Approval, 32 mA-6.3 A
- MITI Approval, 1 A-6.3 A

Dimensions

Drawing Not to Scale



- Ratings above 6.3A have a 0.8mm diameter lead
- With TR2 packaging code, lead wire length is 19.05mm

SPECIFICATIONS

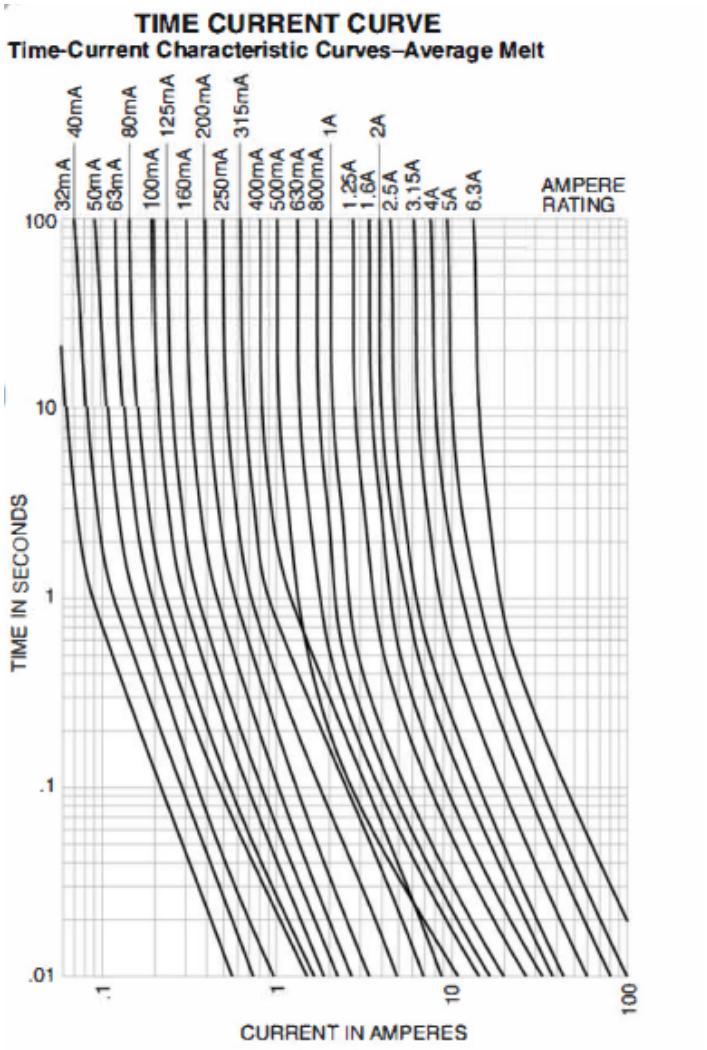
Product Code	Voltage Rating AC	Interrupting Rating at Rated Voltage (50Hz) AC	Typical DC Cold Resistance (ohms)*	Typical Melting I²t (A²Sec) AC†	Typical Voltage Drop mV ‡
S504-32mA	250V	35A	21.7	0.0014	1050
S504-40mA	250V	35A	14.2	0.0034	920
S504-50mA	250V	35A	9.5	0.006	800
S504-63mA	250V	35A	7.1	0.012	760
S504-80mA	250V	35A	4.5	0.015	580
S504-100mA	250V	35A	2.8	0.022	490
S504-125mA	250V	35A	2.0	0.034	390
S504-160mA	250V	35A	1.3	0.052	320
S504-200mA	250V	35A	1.0	0.078	340
S504-250mA	250V	35A	0.66	0.17	270
S504-315mA	250V	35A	0.46	0.41	250
S504-400mA	250V	35A	0.37	0.61	210
S504-500mA	250V	35A	0.27	0.75	168
S504-630mA	250V	35A	0.19	1.3	158
S504-800mA	250V	35A	0.13	3.1	132
S504-1A	250V	35A	0.064	3.6	85
S504-1.25A	250V	35A	0.046	7	80
S504-1.6A	250V	35A	0.039	10	80
S504-2A	250V	35A	0.029	17	80
S504-2.5A	250V	35A	0.024	34	80
S504-3.15A	250V	35A	0.018	56	75
S504-4A	250V	35A	0.013	91	75
S504-5A	250V	35A	0.0095	133	75
S504-6.3A	250V	35A	0.0085	270	65

* DC Cold Resistance (Measured at <10% of rated current)
† Typical Melting I²t (I²t was measured at listed interrupting rating and rated voltage)
‡ Maximum Voltage Drop (Voltage drop was measured at 20°c ambient temperature at rated current)

OBSOLETE

JUNE 30, 2009
(LAST ORDER DATE
APRIL 30, 2009)

RECOMMENDED
REPLACEMENT
S506 SERIES



OPTION CODE	
OptionCode	Description
V	Axial leads - coooer tinned wire with nickel plated brass overcaps

PACKAGING CODE	
PackagingCode	Description
BK	100 oieces of fuses oacked into a cardboard carton
BK1	1,000 pieces of fuses packed into a poly baq
TR2	1,500 pieces of fuses oacked into taoe on a reel (19.05mm lead wire lenoth)

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