COOPER Bussmann

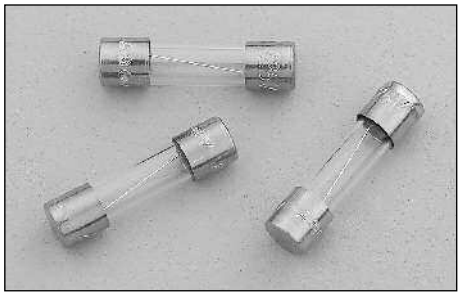
5mm x 20mm Fuses

GMA Series, Fast Acting, Glass Tube

Description

- Fast acting, low breaking capacity
- Optional axial leads available
- 5mm x 20mm physical size
- Glass tube, nickel-plated brass endcap construction
- Designed to UL/CSA 248-14

RoHS 2002/95/EC



ELECTRICAL CHARACTERISTICS		
Rated Current	**% of Amp Rating**	**Opening Time**
63mA - 10A	100%	None
	135%	60 minutes maximum
	200%	2 minutes maximum

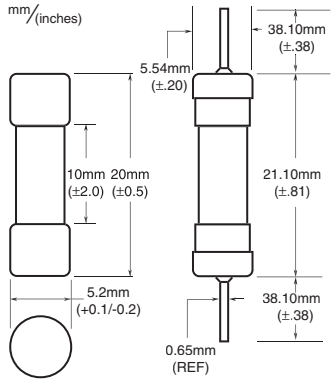
Agency Information

- UL Listed, Guide JDYX, File E19180, 63mA-6A
- UL Recognized Card: (7A-15A) Guide JDYX2, File E19180
- CSA Certified, Class 1422-01, File E65063, 63mA-6A
- MITI Approval, 1A-15A
- CCC Approval, 63mA-6A

Ordering

- Specify packaging, product, and option code
- For -R option, drop mA or A from product code (i.e. GMA-2-R)

Dimensions mm/(inches)

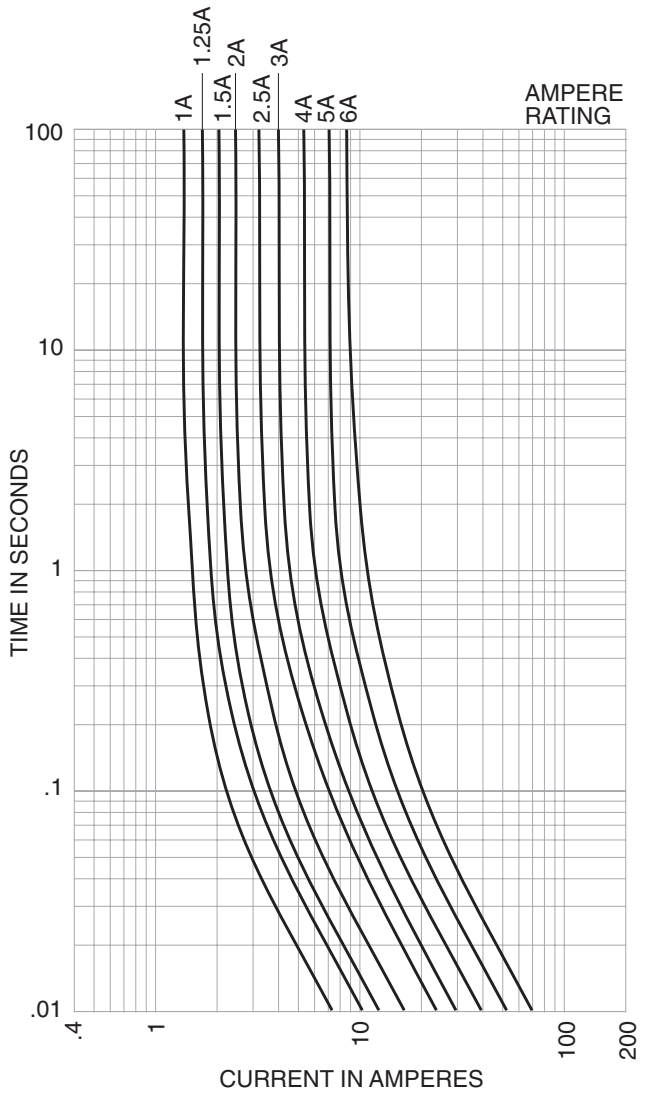


- Ratings above 6.3A have a 0.8mm diameter lead
- With TR2 packaging code, lead wire length is 19.05mm

SPECIFICATIONS						
Product Code	**Voltage Rating AC**	**AC Interrupting Rating* 250V**	**125V**	**Typical DC Cold Resistance (ohms)****	**Typical Pre-Arc I^2t AC†**	**Maximum Voltage Drop (mV)‡**
GMA-63mA	250V	35A	10,000A	-	0.00024	4700
GMA-100mA	250V	35A	10,000A	-	0.0001	4300
GMA-125mA	250V	35A	10,000A	-	0.0024	2600
GMA-200mA	250V	35A	10,000A	-	0.001	3400
GMA-250mA	250V	35A	10,000A	-	0.018	2200
GMA-300mA	250V	35A	10,000A	-	0.019	470
GMA-315mA	250V	35A	10,000A	-	0.019	450
GMA-500mA	250V	35A	10,000A	0.454	0.15	230
GMA-600mA	250V	35A	10,000A	0.256	0.32	200
GMA-750mA	250V	35A	10,000A	0.186	0.47	200
GMA-800mA	250V	35A	10,000A	0.170	0.70	180
GMA-1A	250V	35A	10,000A	0.163	0.48	300
GMA-1.25A	250V	100A	10,000A	0.122	0.84	290
GMA-1.5A	250V	100A	10,000A	0.090	1.6	270
GMA-1.6A	250V	100A	10,000A	0.080	2.0	260
GMA-2A	250V	100A	10,000A	0.066	3.1	250
GMA-2.5A	250V	100A	10,000A	0.046	4.9	240
GMA-3A	250V	100A	10,000A	0.039	8.8	215
GMA-3.15A	125V	-	10,000A	0.036	9.7	210
GMA-3.5A	125V	-	10,000A	0.030	13	210
GMA-4A	125V	-	10,000A	0.026	19	205
GMA-5A	125V	-	10,000A	0.021	29	200
GMA-6A	125V	-	10,000A	0.017	45	180
GMA-7A	125V	-	200A	0.012	150	110
GMA-8A	125V	-	200A	0.009	280	110
GMA-10A	125V	-	200A	0.006	280	110
GMA-15A	125V	-	150A	0.004	950	100

* Interrupting ratings: Interrupting ratings for 63mA - 6A were measured at 70% - 80% power factor on AC. The interrupting ratings for 7A - 15A were measured at 100% power factor on AC.
** DC Cold Resistance (Measured at <10% of rated current)
† Typical Pre-Arching I^2t (I^2t was measured at listed interrupting rating and rated voltage)
‡ Maximum Voltage drop (Voltage drop was measured at 20°C ambient temperature at rated current)

TIME CURRENT CURVE



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 (19.05mm lead wire length)

OPTION CODE	
Option Code	**Description**
V	Axial leads - copper tinned wire with nickel plated brass overcaps
-R	RoHS compliant version

Visit us on the web at:
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