



# 5mm x 20mm Fuses **GMC Series Medium Time Delay, Glass Tube**

## Description

- Medium time delay, 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

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

### **Agency Information**

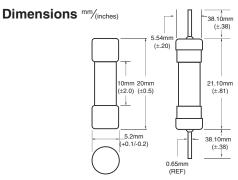
- UL Listed, Guide JDYX, File E19180, 63mA-6.3A
- UL Recognized Card: (7A-10A) Guide JDYX2, File E19180
- CSA Certified, Class 1422-01, File E65063, 63mA-6.3A
- MITI Approval, 1A-10A
- CCC Approval, 500mA-6.3A

#### Ordering

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







- 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	Ra	errupting iting*	Typical DC Cold Resistance	Typical Pre-Arc I <sup>2</sup> t	Maximum Voltage		
CMC co A	<b>AC</b> 250V	250V	125V	(ohms)**	AC†	Drop (mV)‡		
GMC-63mA		35A	10,000A	10.350	0.0027	1400		
GMC-80mA	250V	35A	10,000A	- 4 775	0.0050	1400		
GMC-100mA	250V	35A	10,000A	4.775	0.0094	1200		
GMC-125mA	250V	35A	10,000A	3.400	0.014	1000		
GMC-150mA	250V	35A	10,000A	2.555	0.022	800		
GMC-160mA	250V	35A	10,000A	2.295	0.022	730		
GMC-200mA	250V	35A	10,000A	1.395	0.032	650		
GMC-250mA	250V	35A	10,000A	0.965	0.046	490		
GMC-300mA	250V	35A	10,000A	0.838	0.081	580		
GMC-315mA	250V	35A	10,000A	0.685	0.081	480		
GMC-400mA	250V	35A	10,000A	0.615	0.18	510		
GMC-500mA	250V	35A	10,000A	0.335	0.41	370		
GMC-600mA	250V	35A	10,000A	0.282	0.60	360		
GMC-630mA	250V	35A	10,000A	0.246	0.66	360		
GMC-700mA	250V	35A	10,000A	0.213	0.85	340		
GMC-750mA	250V	35A	10,000A	0.213	0.85	320		
GMC-800mA	250V	35A	10,000A	0.180	0.85	290		
GMC-1A	250V	35A	10,000A	0.156	1.8	250		
GMC-1.25A	250V	100A	10,000A	0.098	3.4	200		
GMC-1.5A	250V	100A	10,000A	0.076	5.4	190		
GMC-1.6A	250V	100A	10,000A	0.067	5.8	160		
GMC-2A	250V	100A	10,000A	0.043	8.9	130		
GMC-2.5A	250V	100A	10,000A	0.035	13	130		
GMC-3A	250V	100A	10,000A	0.026	19	130		
GMC-3.15A	250V	100A	10,000A	0.025	23	130		
GMC-3.5A	125V	-	10,000A	0.022	25	130		
GMC-4A	125V	-	10,000A	0.019	36	120		
GMC-5A	125V	-	10,000A	0.014	58	120		
GMC-6A	125V	-	10,000A	0.013	88	120		
GMC-6.3A	125V	-	10,000A	0.012	110	120		
GMC-7A	125V	-	200A	0.012	150	120		
GMC-8A	125V	-	200A	0.009	200	110		
GMC-10A	125V	-	200A	0.007	300	110		

- Interrupting ratings: Interrupting ratings for 63mA 6.3A were measured at 70% 80% power factor on AC. The interrupting ratings for 7A 10A were measured at 100% power factor on AC. DC Cold Resistance (Measured at <10% of rated current)
- Typical Pre-Arching I\*t (I\*t was measured at listed interrupting rating and rated voltage)
  Maximum Voltage drop (Voltage drop was measured at 20°C ambient temperature at rated current)

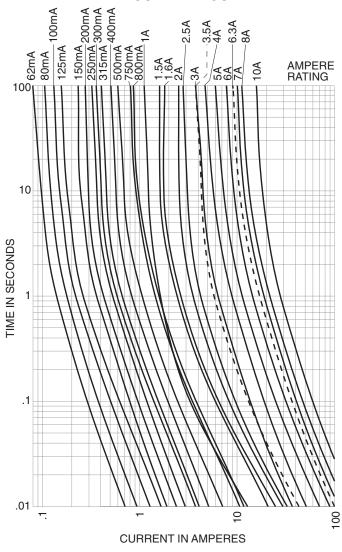




## 5mm x 20mm Fuses

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## 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	

Cooper (UK) Limited



Suite F

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OC-2596 3/07

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Cooper Electronic Technologies Cooper Bussmann P.O. Box 14460 St. Louis, MO 63178-4460 Tel: 1-636-394-2877 1225 Broken Sound Parkway NW

Boca Raton, FL 33487-3533 Tel: 1-561-998-4100 Fax: 1-800-544-2570 Fax: 1-561-241-6640 Toll Free: 1-888-414-2645

Europe gies | Cooper Electronic Technologies Cooper Electronic Technologies Avda. Santa Eulalia, 290 Burton-on-the-Wolds Leicestershire • LE12 5TH UK Tel: +44 (0) 1509 882 737 Fax: +44 (0) 1509 882 786 08223

Terrassa, (Barcelona), Spain Tel: +34 937 362 812 +34 937 362 813 Fax: +34 937 362 719

Asia Pacific

Cooper Electronic Technologies 1 Jalan Kilang Timor #06-01 Pacific Tech Centre Singapore 159303 Tel: +65 278 6151 Fax: +65 270 4160