

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









# 5 x 20mm Fast-acting Glass Tube Fuses GMA Series

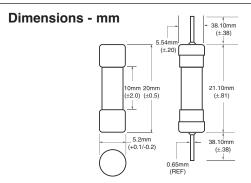




## **Description**

- · Fast-acting, low breaking capacity
- · Optional axial leads available
- 5 x 20mm physical size
- Glass tube, silver-plated (63mA-315mA) and nickelplated (500mA-15A) brass endcap construction
- Designed to UL/CSA 248-14

Electrical Characteristics				
Rated Current	% of Amp Rating	Opening Time		
	100%	None		
63mA - 15A	135%	60 minutes maximum		
	200%	2 minutes maximum		



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

#### **Agency Information**

- UL Listed, Guide JDYX, File E19180, 63mA-6A
- UL Recognized, Guide JDYX2, File E19180, 7-15A
- CSA Certified, Class 1422-01, File 53787, 63mA-6A
- PSE Approval, 1A-15A

#### **Ordering**

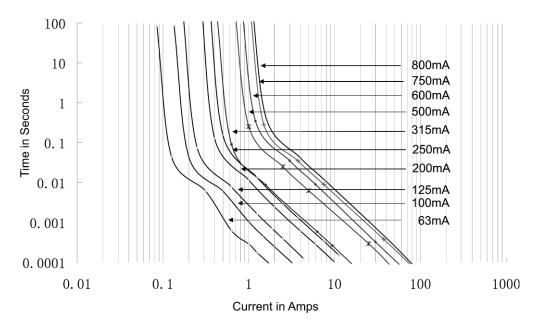
· Specify packaging, product, and option code

	Specifications						
Product Code	Amp Rating	Voltage Rating Vac		upting (amps)* 125Vac	Typical DC Cold Resistance (Ω)**	Typical Pre-Arc I²t Vac†	Maximum Voltage Drop (mV)‡
GMA-63-R	63mA	250	35	10,000	15.750	0.00024	4700
GMA-100-R	100mA	250	35	10,000	7.840	0.0001	4300
GMA-125-R	125mA	250	35	10,000	4.895	0.0024	2600
GMA-200-R	200mA	250	35	10,000	2.500	0.001	3400
GMA-250-R	250mA	250	35	10,000	1.735	0.018	2200
GMA-300-R	300mA	250	35	10,000	0.906	0.019	470
GMA-315-R	315mA	250	35	10,000	0.839	0.019	450
GMA-500-R	500mA	250	35	10,000	0.454	0.15	230
GMA-600-R	600mA	250	35	10,000	0.256	0.32	200
GMA-750-R	750mA	250	35	10,000	0.186	0.47	200
GMA-800-R	800mA	250	35	10,000	0.170	0.70	180
GMA-1-R	1	250	35	10,000	0.163	0.48	300
GMA-1.25-R	1.25	250	100	10,000	0.122	0.84	290
GMA-1.5-R	1.5	250	100	10,000	0.090	1.6	270
GMA-1.6-R	1.6	250	100	10,000	0.080	2.0	260
GMA-2-R	2	250	100	10,000	0.066	3.1	250
GMA-2.5-R	2.5	250	100	10,000	0.046	4.9	240
GMA-3-R	3	250	100	10,000	0.039	8.8	215
GMA-3.15-R	3.15	125	-	10,000	0.036	9.7	210
GMA-3.5-R	3.5	125	-	10,000	0.030	13	210
GMA-4-R	4	125	-	10,000	0.026	19	205
GMA-5-R	5	125	-	10,000	0.021	29	200
GMA-6-R	6	125	-	10,000	0.017	45	180
GMA-7-R	7	125	-	200	0.012	150	110
GMA-8-R	8	125	-	200	0.009	280	110
GMA-10-R	10	125	-	200	0.006	280	110
GMA-15-R	15	125	-	150	0.004	950	100

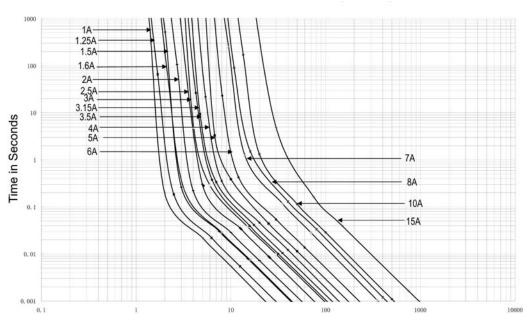
- the Interrupting ratings: Interrupting ratings for 63mA 6A were measured at 70% 80% power factor on AC. The interrupting ratings for 7A 15A were measured at 100% power factor on AC.
- \*\* DC Cold Resistance (Measured at <10% of rated current)
- Typical Pre-Arching Pt (Pt was measured at listed interrupting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

0410 BU-SB091174 Page 1 of 2 Data Sheet 2017

#### Time-Current Curve - GMA-R 63mA-800mA



## Time-Current Curve - GMA-R 1-15A



Current in Amps

Packaging Code				
Packaging Code	Description			
BK	100 fuses packed into a cardboard carton			
BK1	1000 fuses packed into a poly bag			
TR2	1500 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	



© 2017 Eaton