



# Electronic Fuses

## Type GGM/GGM-V

5ØX20mm



Fast Acting Glass Tube Fuse Series



GGM

GGM-V



### Approvals

GGM  
 UL Listed 10mA~10A  
 CSA Certified 10mA~10A  
 MITI 1A~10A  
 GGM-V (With Pig-Tail)  
 UL Listed 10mA~10A  
 CSA Certified 10mA~10A  
 MITI 1A~10A

### Electrical Characteristics

Rated Current	1 In	1.35In	2 In
	MIN	MAX	MAX
10mA~20A	4 Hrs.	1 hr	5 Sec

### Interrupting Ratings

10mA~10A: 10,000 amperes at 125V AC  
 10mA~1A: 35 amperes at 250V AC  
 1.5A~3.5A: 100 amperes at 250V AC  
 3.75A~10A: 200 amperes at 250V AC

### Operating Temperature

-55°C to +125°C

### Physical Specification

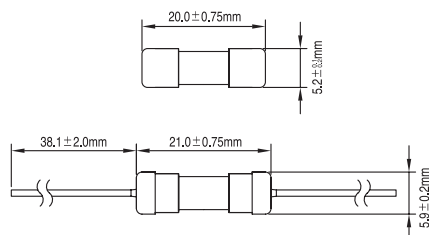
#### Materials

Glass body / Nickel Plated Brass Caps  
 Lead Wire:  
 Diameter Ø0.8 mm 14A and less.  
 Diameter Ø1.0 mm for rating above 15A to 19A.  
 Diameter Ø1.2 mm for rating above 20A.

#### Packaging

- In Bulk:  
GGM – 1,000 pcs ; GGM-V – 500 pcs per box
- On Axial Tape & Reel  
1,000 pcs per reel.
- Tape & Reel specification:  
per EIA-296-E & IEC 286-1  
@ 10mm Pitch and 56.5mm inside Tape Spacing.

### Mechanical Dimensions



Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec
GGM1/100	GGM-V1/100	10 mA	250V	*	*
GGM2/100	GGM-V2/100	20 mA		*	*
GGM3/100	GGM-V3/100	30 mA		*	*
GGM1/32	GGM-V1/32	32 mA(1/32A)		*	*
GGM4/100	GGM-V4/100	40 mA		*	*
GGM5/100	GGM-V5/100	50 mA		*	*
GGM1/16	GGM-V1/16	63 mA		*	*
GGM7/100	GGM-V7/100	70 mA		*	*
GGM8/100	GGM-V8/100	80 mA		*	*
GGM1/10	GGM-V1/10	100 mA		9.0860	0.0018
GGM1/8	GGM-V1/8	125 mA		7.7250	0.0035
GGM15/100	GGM-V15/100	150 mA		6.4810	0.0048
GGM2/10	GGM-V2/10	200 mA		4.0750	0.0085
GGM1/4	GGM-V1/4	250 mA		2.1170	0.0142
GGM3/10	GGM-V3/10	300 mA		2.3850	0.0197
GGM315/1000	GGM-V315/1000	315 mA		0.8090	0.0218
GGM35/100	GGM-V35/100	350 mA		0.7350	0.0375
GGM4/10	GGM-V4/10	400 mA		0.6030	0.0561
GGM1/2	GGM-V1/2	500 mA		0.3970	0.0930
GGM6/10	GGM-V6/10	600 mA		0.2930	0.1300
GGM63/100	GGM-V63/100	630 mA	0.2900	0.1510	
GGM7/10	GGM-V7/10	700 mA	0.2370	0.2050	
GGM3/4	GGM-V3/4	750 mA	0.2190	0.2850	
GGM8/10	GGM-V8/10	800 mA	0.1880	0.3000	
GGM1	GGM-V1	1 A	0.1466	1.0000	
GGM1-1/4	GGM-V1-1/4	1.25 A	0.1045	1.3450	
GGM1-1/2	GGM-V1-1/2	1.5 A	0.0909	1.6500	
GGM1-6/10	GGM-V1-6/10	1.6 A	0.0810	2.2750	
GGM1-3/4	GGM-V1-3/4	1.75 A	0.0639	3.2450	
GGM2	GGM-V2	2 A	0.0589	5.4000	
GGM2-1/2	GGM-V2-1/2	2.5 A	0.0440	8.1300	
GGM3	GGM-V3	3 A	0.0356	12.100	
GGM3-15/100	GGM-V3-15/100	3.15 A	0.0320	13.400	
GGM3-2/10	GGM-V3-2/10	3.2 A	0.0315	13.850	
GGM3-1/2	GGM-V3-1/2	3.5 A	0.0286	16.530	
GGM4	GGM-V4	4 A	0.0244	25.600	
GGM4-1/2	GGM-V4-1/2	4.5 A	0.0215	33.950	
GGM5	GGM-V5	5 A	0.0192	42.500	
GGM6	GGM-V6	6 A	0.0158	57.600	
GGM6-3/10	GGM-V6-3/10	6.3 A	0.0152	63.500	
GGM7	GGM-V7	7 A	0.0129	68.600	
GGM7-1/2	GGM-V7-1/2	7.5 A	0.0122	72.350	
GGM8	GGM-V8	8 A	0.0117	115.20	
GGM9	GGM-V9	9 A	0.0093	205.40	
GGM10	GGM-V10	10 A	0.0087	310.00	
GGM12	GGM-V12	12 A	0.0077	460.00	
GGM13	GGM-V13	13 A	0.0068	542.00	
GGM15	GGM-V15	15 A	0.0051	720.00	
GGM16	GGM-V16	16 A	0.0046	975.00	
GGM18	GGM-V18	18 A	0.0038	1500.0	
GGM20	GGM-V20	20 A	0.0035	2100.0	

\*Please contact the manufacturer.