



FERRAZ SHAWMUT

Electronic Fuses

Type GGC/GGC-V

6.3ØX32mm



Fast Acting Glass Tube Fuse Series



GGC

GGC-V



Approvals

GGC	
UL Listed	10mA~10A
UL Recognized	12A~30A
CSA Certified	10mA~30A
MITI	1A~15A
GGC-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~30A	4 Hrs.	1 hr	5 Sec
Above 30A	4 Hrs.	1 hr	120 Sec

Interrupting Ratings

10mA~10A:	10,000 amperes at 125V AC
10mA~1A:	35 amperes at 250V AC
1.2A~3.5A:	100 amperes at 250V AC
3.75A~10A:	200 amperes at 250V AC
12A~30A:	300 amperes at 32V AC

Operating Temperature

-55°C to +125°C

Physical Specification

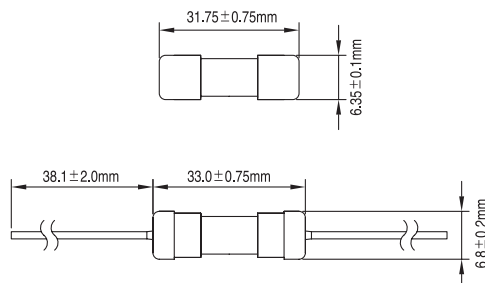
Materials

- Glass body / Nickel Plated Brass Caps
- Lead Wire:
 - Diameter Ø0.8 mm 12A and less.
 - Diameter Ø1.0 mm for rating above 13A to 19A.
 - Diameter Ø1.2 mm for rating above 20A.

Packaging

- In Bulk:
 - GGC-500 pcs ; GGC-V-250 pcs per box.

Mechanical Dimensions



Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec
GGC1/100	GGC-V1/100	10 mA	250V	*	*
GGC2/100	GGC-V2/100	20 mA		*	*
GGC3/100	GGC-V3/100	30 mA		*	*
GGC1/32	GGC-V1/32	32 mA(1/32A)		*	*
GGC4/100	GGC-V4/100	40 mA		*	*
GGC5/100	GGC-V5/100	50 mA		*	*
GGC6/100	GGC-V6/100	60 mA		*	*
GGC1/16	GGC-V1/16	63 mA		*	*
GGC7/100	GGC-V7/100	70 mA		*	*
GGC8/100	GGC-V8/100	80 mA		*	*
GGC1/10	GGC-V1/10	100 mA		14.600	0.00200
GGC1/8	GGC-V1/8	125 mA		10.200	0.00312
GGC15/100	GGC-V15/100	150 mA		7.7000	0.00450
GGC16/100	GGC-V16/100	160 mA		7.0000	0.00512
GGC2/10	GGC-V2/10	200 mA		6.0000	0.00800
GGC1/4	GGC-V1/4	250 mA		3.3500	0.01250
GGC3/10	GGC-V3/10	300 mA	2.8000	0.01800	
GGC315/1000	GGC-V315/1000	315 mA	2.3000	0.01984	
GGC35/100	GGC-V35/100	350 mA	2.0000	0.02450	
GGC3/8	GGC-V3/8	375 mA	1.6500	0.02812	
GGC4/10	GGC-V4/10	400 mA	1.4000	0.03200	
GGC1/2	GGC-V1/2	500 mA	0.6120	0.07500	
GGC6/10	GGC-V6/10	600 mA	0.4740	0.10800	
GGC63/100	GGC-V63/100	630 mA	0.3850	0.11900	
GGC7/10	GGC-V7/10	700 mA	0.3500	0.14700	
GGC3/4	GGC-V3/4	750 mA	0.3200	0.16870	
GGC8/10	GGC-V8/10	800 mA	0.2910	0.19200	
GGC1	GGC-V1	1 A	0.2060	0.40000	
GGC1-2/10	GGC-V1-2/10	1.2 A	0.1560	0.57600	
GGC1-1/2	GGC-V1-1/2	1.5 A	0.1020	0.90000	
GGC1-6/10	GGC-V1-6/10	1.6 A	0.1000	1.02400	
GGC2	GGC-V2	2 A	0.0747	2.00000	
GGC2-1/2	GGC-V2-1/2	2.5 A	0.0526	5.00000	
GGC3	GGC-V3	3 A	0.0419	9.00000	
GGC3-15/100	GGC-V3-15/100	3.15 A	0.0382	14.8830	
GGC3-2/10	GGC-V3-2/10	3.2 A	0.0375	15.3600	
GGC3-1/2	GGC-V3-1/2	3.5 A	0.0348	24.5000	
GGC4	GGC-V4	4 A	0.0295	32.0000	
GGC4-1/2	GGC-V4-1/2	4.5 A	0.0262	40.5000	
GGC5	GGC-V5	5 A	0.0221	62.5000	
GGC6	GGC-V6	6 A	0.0183	90.0000	
GGC6-3/10	GGC-V6-3/10	6.3 A	0.0160	105.625	
GGC7	GGC-V7	7 A	0.0155	122.500	
GGC7-1/2	GGC-V7-1/2	7.5 A	0.0139	140.625	
GGC8	GGC-V8	8 A	0.0131	160.000	
GGC10	GGC-V10	10 A	0.0104	300.000	
GGC12	GGC-V12	12 A	0.0080	432.000	
GGC13	GGC-V13	13 A	0.0071	591.000	
GGC15	GGC-V15	15 A	0.0062	787.500	
GGC16	GGC-V16	16 A	0.0056	1024.000	
GGC18	GGC-V18	18 A	0.0052	1296.000	
GGC20	GGC-V20	20 A	0.0044	2000.000	
GGC25	GGC-V25	25 A	0.0031	3750.000	
GGC30	GGC-V30	30 A	0.0026	5400.000	

*Please contacts the manufacturer.