

## Type GAB/GAB-V

6.3ØX32mm

RoHS



Fast Acting Ceramic Tube Fuse Series



GAB

GAB-V



### Approvals

#### GAB

|                |           |
|----------------|-----------|
| UL Listed      | 10mA~15A  |
| UL Recognized  | 15.1A~25A |
| CSA Certified  | 100mA~15A |
| CSA Acceptance | 15.1A~25A |
| MITI           | 1A~15A    |

#### GAB-V (With Pig-Tail)

|                |           |
|----------------|-----------|
| UL Listed      | 10mA~15A  |
| UL Recognized  | 15.1A~20A |
| CSA Certified  | 100mA~15A |
| CSA Acceptance | 15.1A~25A |
| MITI           | 1A~15A    |

### Electrical Characteristics

| Rated Current | 1 In   | 1.35 In | 2 In    |
|---------------|--------|---------|---------|
|               | MIN    | MAX     | MAX     |
| 10mA~30A      | 4 Hrs. | 1 hr    | 30 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     |
| 1.25A~3.5A: | 100 amperes at 250V AC    |
| 3.75A~10A:  | 200 amperes at 250V AC    |
| 10.1A~25A:  | 750 amperes at 250V AC/DC |

### Operating Temperature

-55°C to +125°C

### Physical Specification

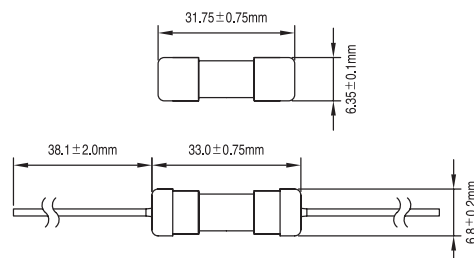
#### Materials

Ceramic 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:  
GAB-500 pcs ; GAB-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 <sup>2</sup> t A <sup>2</sup> Sec |
|--------------------------|---------------------------|--------------------|--------------------|------------------------------|-----------------------------------------------------|
| GAB1/100                 | GAB-V1/100                | 10 mA              | 250V               | *                            | *                                                   |
| GAB2/100                 | GAB-V2/100                | 20 mA              |                    | *                            | *                                                   |
| GAB3/100                 | GAB-V3/100                | 30 mA              |                    | *                            | *                                                   |
| GAB1/32                  | GAB-V1/32                 | 32 mA(1/32A)       |                    | *                            | *                                                   |
| GAB4/100                 | GAB-V4/100                | 40 mA              |                    | *                            | *                                                   |
| GAB5/100                 | GAB-V5/100                | 50 mA              |                    | *                            | *                                                   |
| GAB6/100                 | GAB-V6/100                | 60 mA              |                    | *                            | *                                                   |
| GAB1/16                  | GAB-V1/16                 | 63 mA              |                    | *                            | *                                                   |
| GAB7/100                 | GAB-V7/100                | 70 mA              |                    | *                            | *                                                   |
| GAB8/100                 | GAB-V8/100                | 80 mA              |                    | *                            | *                                                   |
| GAB1/10                  | GAB-V1/10                 | 100 mA             |                    | 14.600                       | 0.00200                                             |
| GAB1/8                   | GAB-V1/8                  | 125 mA             |                    | 10.200                       | 0.00312                                             |
| GAB15/100                | GAB-V15/100               | 150 mA             |                    | 7.7000                       | 0.00450                                             |
| GAB16/100                | GAB-V16/100               | 160 mA             |                    | 7.0000                       | 0.00512                                             |
| GAB2/10                  | GAB-V2/10                 | 200 mA             |                    | 6.0000                       | 0.00800                                             |
| GAB1/4                   | GAB-V1/4                  | 250 mA             |                    | 3.3500                       | 0.01250                                             |
| GAB3/10                  | GAB-V3/10                 | 300 mA             |                    | 2.8000                       | 0.01800                                             |
| GAB315/1000              | GAB-V315/1000             | 315 mA             |                    | 2.3000                       | 0.01984                                             |
| GAB35/100                | GAB-V35/100               | 350 mA             |                    | 2.0000                       | 0.02450                                             |
| GAB3/8                   | GAB-V3/8                  | 375 mA             |                    | 1.6500                       | 0.02812                                             |
| GAB4/10                  | GAB-V4/10                 | 400 mA             |                    | 1.4000                       | 0.32000                                             |
| GAB1/2                   | GAB-V1/2                  | 500 mA             |                    | 0.6120                       | 0.07500                                             |
| GAB6/10                  | GAB-V6/10                 | 600 mA             |                    | 0.4740                       | 0.10800                                             |
| GAB63/100                | GAB-V63/100               | 630 mA             |                    | 0.3850                       | 0.11900                                             |
| GAB7/10                  | GAB-V7/10                 | 700 mA             |                    | 0.3500                       | 0.14700                                             |
| GAB3/4                   | GAB-V3/4                  | 750 mA             |                    | 0.3200                       | 0.16870                                             |
| GAB8/10                  | GAB-V8/10                 | 800 mA             |                    | 0.2910                       | 0.16870                                             |
| GAB1                     | GAB-V1                    | 1 A                |                    | 0.2205                       | 1.50000                                             |
| GAB1-1/4                 | GAB-V1-1/4                | 1.25 A             |                    | 0.1758                       | 2.34300                                             |
| GAB1-1/2                 | GAB-V1-1/2                | 1.5 A              |                    | 0.1223                       | 4.50000                                             |
| GAB2                     | GAB-V2                    | 2 A                |                    | 0.0844                       | 8.00000                                             |
| GAB2-1/2                 | GAB-V2-1/2                | 2.5 A              |                    | 0.0737                       | 12.5000                                             |
| GAB3                     | GAB-V3                    | 3 A                |                    | 0.0612                       | 13.5000                                             |
| GAB3-1/2                 | GAB-V3-1/2                | 3.5 A              |                    | 0.0430                       | 18.3750                                             |
| GAB4                     | GAB-V4                    | 4 A                |                    | 0.0339                       | 24.0000                                             |
| GAB4-1/2                 | GAB-V4-1/2                | 4.5 A              |                    | 0.0263                       | 30.3750                                             |
| GAB5                     | GAB-V5                    | 5 A                |                    | 0.0234                       | 37.5000                                             |
| GAB6                     | GAB-V6                    | 6 A                |                    | 0.0177                       | 54.0000                                             |
| GAB6-3/10                | GAB-V6-3/10               | 6.3 A              |                    | 0.0170                       | 59.5350                                             |
| GAB7                     | GAB-V7                    | 7 A                |                    | 0.0153                       | 98.0000                                             |
| GAB7-1/2                 | GAB-V7-1/2                | 7.5 A              |                    | 0.0140                       | 112.500                                             |
| GAB8                     | GAB-V8                    | 8 A                |                    | 0.0129                       | 160.000                                             |
| GAB10                    | GAB-V10                   | 10 A               |                    | 0.0111                       | 300.000                                             |
| GAB12                    | GAB-V12                   | 12 A               |                    | 0.0078                       | 576.000                                             |
| GAB13                    | GAB-V13                   | 13 A               |                    | 0.0071                       | 845.000                                             |
| GAB15                    | GAB-V15                   | 15 A               |                    | 0.0061                       | 1125.00                                             |
| GAB16                    | GAB-V16                   | 16 A               |                    | 0.0053                       | 1280.00                                             |
| GAB18                    | GAB-V18                   | 18 A               |                    | 0.0044                       | 1620.00                                             |
| GAB20                    | GAB-V20                   | 20 A               |                    | 0.0041                       | 2400.00                                             |
| GAB25                    | GAB-V25                   | 25 A               |                    | 0.0029                       | 3750.00                                             |
| GAB30                    | GAB-V30                   | 30 A               |                    | 0.0023                       | 5400.00                                             |

\*Please contacts the manufacturer.