

# PC Board Fuses

## Sub-Miniature with Leads

# GFA, GLN, and GLX


**Catalog Symbol:** GFA

Sub-Miniature with Axial Leads

Non-Time-Delay

0.145" × 0.300" (3.7mm × 7.6mm)

Interrupting Rating: 50 AIC

Agency Approvals:

U.L. Recognized, (0-5A) Guide JDYZ2, File 19180

CSA Certified, (0-5A) File 53787, Class 1425-01

**Electrical Ratings (Catalog Symbol and Amperes)**
**125 Volts AC**

| Amps                  | Test Spec. | Color Code (Opp. Ends) |     | Amps                | Test Spec. | Color Code (Opp. Ends) |     |
|-----------------------|------------|------------------------|-----|---------------------|------------|------------------------|-----|
| GFA- $\frac{1}{200}$  | A          | Red                    | Blk | GFA- $\frac{3}{10}$ | A          | Grn                    | Grn |
| GFA- $\frac{1}{100}$  | A          | Red                    | Orn | GFA- $\frac{4}{10}$ | A          | Blu                    | Blu |
| GFA- $\frac{1}{64}$   | A          | Red                    | Grn | GFA- $\frac{1}{2}$  | B          | Orn                    | Grn |
| GFA- $\frac{1}{50}$   | A          | Red                    | Wht | GFA- $\frac{6}{10}$ | B          | Orn                    | Blu |
| GFA- $\frac{1}{32}$   | A          | Red                    | Brn | GFA- $\frac{3}{4}$  | B          | Orn                    | Pur |
| GFA- $\frac{1}{20}$   | A          | Yel                    | Yel | GFA-1               | B          | Yel                    | Grn |
| GFA- $\frac{1}{16}$   | A          | Brn                    | Brn | GFA-1 $\frac{1}{2}$ | B          | Yel                    | Pur |
| GFA- $\frac{1}{10}$   | A          | Red                    | Red | GFA-2               | B          | Grn                    | Blu |
| GFA- $\frac{1}{8}$    | A          | Orn                    | Orn | GFA-2 $\frac{1}{2}$ | B          | Grn                    | Brn |
| GFA- $\frac{15}{100}$ | B          | Red                    | Yel | GFA-3               | B          | Blu                    | Pur |
| GFA- $\frac{3}{10}$   | B          | Red                    | Blu | GFA-4               | B          | Pur                    | Brn |
| GFA- $\frac{1}{4}$    | B          | Red                    | Pur | GFA-5               | B          | Brn                    | Blk |

**32 Volts AC**

| Amps   | Test Spec. | Color Code (Opp. Ends) |     | Amps   | Test Spec. | Color Code (Opp. Ends) |     |
|--------|------------|------------------------|-----|--------|------------|------------------------|-----|
| GFA-7  | A          | Pur                    | Grn | GFA-12 | A          | Blk                    | Blu |
| GFA-8  | A          | Grn                    | Blk | GFA-15 | A          | Blk                    | Pur |
| GFA-10 | A          | Yel                    | Brn | —      |            |                        |     |

**Test Specifications**

| Load | Opening Time  |                 | Wire Lead Size |                       |
|------|---------------|-----------------|----------------|-----------------------|
|      | "A"           | "B"             | No.            | Fuse                  |
| 100% | 4 hrs. (min.) | —               | 24             | $\frac{1}{200}$ to 5A |
| 150% | —             | *10 sec. (max.) | 18             | 6 to 12A              |
| 200% | 10 sec.       | —               | 16             | 15A                   |

**Carton Quantity and Weight**

| Ampere Ratings      | Carton Qty. | Weight* |      |
|---------------------|-------------|---------|------|
|                     |             | Lbs.    | Kg.  |
| $\frac{1}{200}$ -15 | 100         | 0.171   | 52.6 |

\*Weight per carton.

**General Information:**

- Glass tube fuses for protection of subminiature devices.
- Tinned wire leads solder into circuit.
- Withstand high-shock and vibration.
- Color-coded for ampere rating.
- Axial leads (1 $\frac{1}{2}$ ") can be fed through wire forming machine.


**Catalog Symbol:** GLN

Sub-Miniature with Radial Leads

Non-Time-Delay

0.145" × 0.300" (3.7mm × 7.6mm)

Interrupting Rating: 50 AIC

**Electrical Ratings (Catalog Symbol and Amperes)**
**125 Volts AC**

| Amps                 | Test Spec. | Color Code (Opp. Ends) |     | Amps                | Test Spec. | Color Code (Opp. Ends) |     |
|----------------------|------------|------------------------|-----|---------------------|------------|------------------------|-----|
| GLN- $\frac{1}{100}$ | A          | Red                    | Orn | GLN- $\frac{1}{10}$ | A          | Red                    | Red |
| GLN- $\frac{1}{32}$  | A          | Red                    | Brn | GLN- $\frac{3}{10}$ | A          | Grn                    | Grn |
| GLN- $\frac{1}{20}$  | A          | Yel                    | Yel | GLN- $\frac{4}{10}$ | A          | Blu                    | Blu |
| GLN- $\frac{1}{16}$  | A          | Brn                    | Brn | —                   |            |                        |     |

**32 Volts AC**

| Amps  | Test Spec. | Color Code (Opp. Ends) |     | Amps   | Test Spec. | Color Code (Opp. Ends) |     |
|-------|------------|------------------------|-----|--------|------------|------------------------|-----|
| GLN-7 | A          | Pur                    | Grn | GLN-10 | A          | Yel                    | Brn |
| GLN-8 | A          | Grn                    | Blk | —      |            |                        |     |

**Test Specifications**

| Load | Opening Time  |                 | Wire Lead Size |                       |
|------|---------------|-----------------|----------------|-----------------------|
|      | "A"           | "B"             | No.            | Fuse                  |
| 110% | 4 hrs. (min.) | —               | 24             | $\frac{1}{200}$ to 5A |
| 150% | —             | *10 sec. (max.) | 18             | 6A to 10A             |
| 200% | *10 sec.      | —               | —              | —                     |

\*Maximum time.

**Carton Quantity and Weight**

| Ampere Ratings      | Carton Qty. | Weight* |      |
|---------------------|-------------|---------|------|
|                     |             | Lbs.    | Kg.  |
| $\frac{1}{100}$ -10 | 100         | 0.171   | 52.6 |

\*Weight per carton.

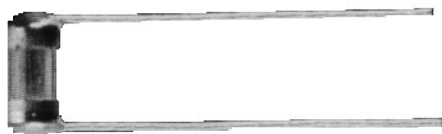
**General Information:**

- Glass tube fuses for protection of subminiature devices.
- Tinned radial leads spaced for easy assembly on printed circuit chassis.
- Withstand high-shock and vibration.
- Color-coded for ampere rating.
- Radial leads (1 $\frac{1}{2}$ ") can be fed through wire forming machine.

# PC Board Fuses

## Sub-Miniature with Leads

# GFA, GLN, and GLX



**Catalog Symbol:** GLX

Sub-Miniature with Radial Leads

Non-Time-Delay

0.145" × 0.300" (3.7mm × 7.6mm)

Interrupting Rating: 50 AIC

### Electrical Ratings (Catalog Symbol and Amperes)

#### 125 Volts AC

| Amps      | Test Spec. | Color Code (Opp. Ends) |     | Amps  | Test Spec. | Color Code (Opp. Ends) |     |
|-----------|------------|------------------------|-----|-------|------------|------------------------|-----|
| GLX-1/4   | B          | Red                    | Pur | GLX-2 | B          | Gm                     | Blu |
| GLX-1/2   | B          | Orn                    | Gm  | GLX-3 | B          | Blu                    | Pur |
| GLX-3/4   | B          | Orn                    | Pur | GLX-4 | B          | Pur                    | Brn |
| GLX-1     | B          | Yel                    | Gm  | GLX-5 | B          | Brn                    | Blk |
| GLX-1 1/2 | B          | Yel                    | Pur | —     |            |                        |     |

### Wire Lead Size

| No. | Fuse        |
|-----|-------------|
| 24  | 1/200 to 5A |

### Carton Quantity and Weight

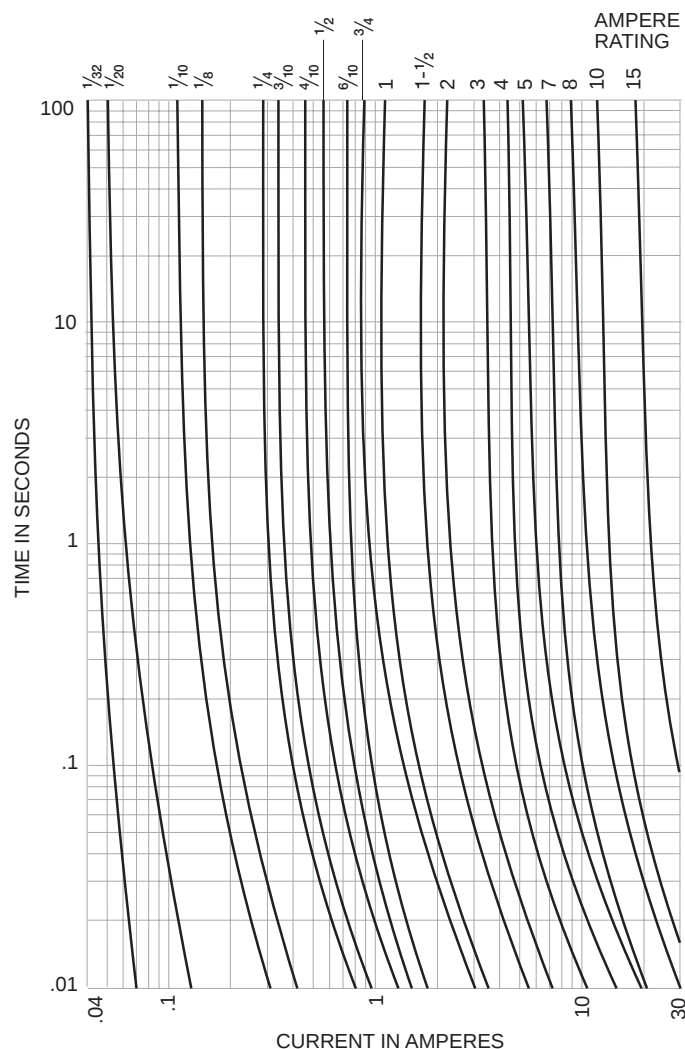
| Ampere Ratings | Carton Qty. | Weight* |      |
|----------------|-------------|---------|------|
|                |             | Lbs.    | Kg.  |
| 1/4-5          | 100         | 0.171   | 52.6 |

\*Weight per carton.

### General Information:

- Glass tube fuses for protection of subminiature devices.
- Tinned radial leads spaced for easy assembly on printed circuit chassis.
- Withstand high-shock and vibration.
- Color-coded for ampere rating.
- Radial leads (1 1/2") can be fed through wire forming machine.

### Time-Current Characteristics—Total Clear



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