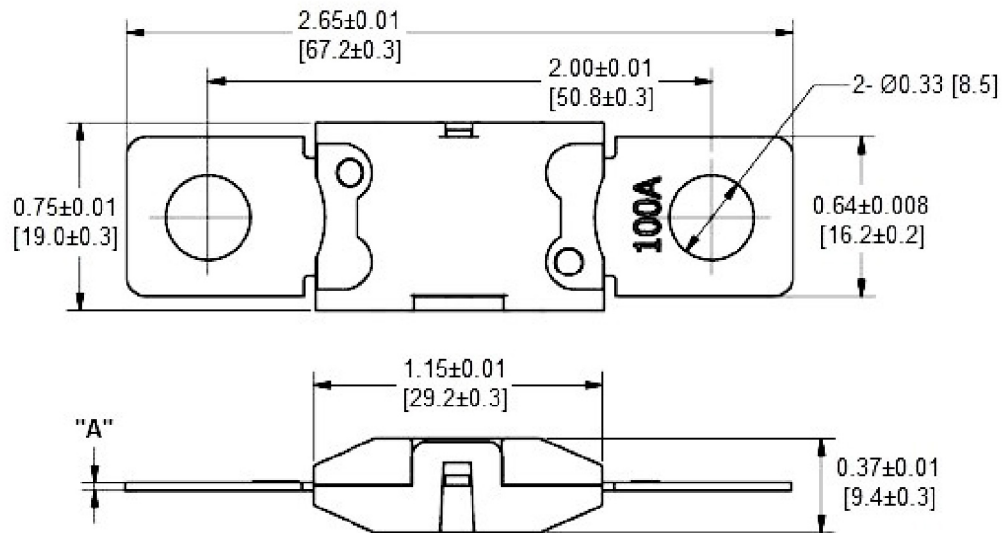


## Mechanical Dimensions: Inches [mm]

Tolerances  $\pm 0.012$  [0.3] Unless Otherwise Specified

## Part Numbers Information

| Part Number | Amperage | Color       | Terminal Thickness<br>(Dim "A") | Nominal Cold Resistance<br>(mΩ) | Minimum Melting I <sub>2t</sub><br>(A <sup>2</sup> Sec.) |
|-------------|----------|-------------|---------------------------------|---------------------------------|----------------------------------------------------------|
| MGGA-100    | 100      | Yellow      | 0.031" (0.8mm)                  | 0.55                            | 31100                                                    |
| MGGA-125    | 125      | Green       | 0.031" (0.8mm)                  | 0.43                            | 57800                                                    |
| MGGA-150    | 150      | Orange      | 0.031" (0.8mm)                  | 0.35                            | 100000                                                   |
| MGGA-175    | 175      | White/Clear | 0.031" (0.8mm)                  | 0.27                            | 168000                                                   |
| MGGA-200    | 200      | Blue        | 0.031" (0.8mm)                  | 0.26                            | 204000                                                   |
| MGGA-225    | 225      | Tan         | 0.039" (1.0mm)                  | 0.23                            | 257000                                                   |
| MGGA-250    | 250      | Pink        | 0.039" (1.0mm)                  | 0.19                            | 389000                                                   |
| MGGA-300    | 300      | Gray        | 0.039" (1.0mm)                  | 0.22                            | 513000                                                   |

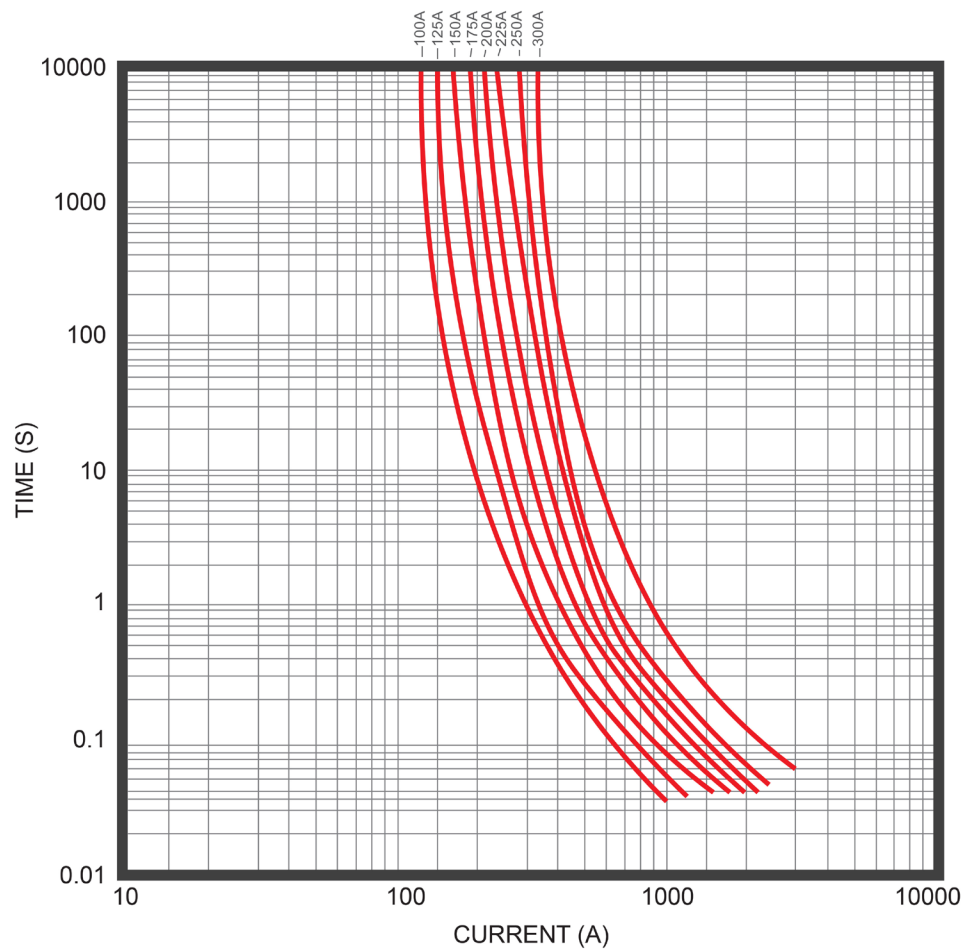
## Electrical Specifications

|                       |               |
|-----------------------|---------------|
| Voltage Rating        | 32VDC         |
| Interrupting Rating   | 1000A @ 32VDC |
| Operating Temperature | -40°C ~ 125°C |

## Material Specifications

|                   |                          |
|-------------------|--------------------------|
| Body Material     | PES                      |
| Terminal Material | Copper Alloy, Tin Plated |

## Time-Current Curve



| Opening Time       |           |       |       |     |
|--------------------|-----------|-------|-------|-----|
| % of Rated Current | 100A~250A |       | 300A  |     |
|                    | Min       | Max   | Min   | Max |
| 75%                | -         | -     | 4hr   | -   |
| 100%               | 4hr       | -     | -     | -   |
| 135%               | 120s      | 1800s | -     | -   |
| 200%               | 1s        | 15s   | 1s    | 15s |
| 350%               | 300ms     | 5s    | 500ms | 5s  |
| 600%               | .1s       | 1s    | -     | -   |

\*Graphical data is for reference only. Product should be tested in all applications before use.

Rev      Date of issue      Revision Notes

Designed      Approved

|   |            |                 |    |    |
|---|------------|-----------------|----|----|
| D | 06-27-2024 | Initial Drawing | RC | OF |
|---|------------|-----------------|----|----|