

## 3AG Glass Body Fast-Acting Fuses 312P and 318P Series

### Dimensions:

**312P Series:** Diameter: .25" (6.35mm); Length: 1.25" (31.75mm).

**318P Series:** Diameter: .275" (6.98mm); Length: 1.288" (32.72mm); Axial Diameter: .032" (.813mm); Axial Length: 1.50" (38.1mm); Axial Lead Material: Tin coated copper.

**Note:** See data sheet for detailed Amperage Safety Approvals.

| Amp Rating                          | Voltage Rating | Digi-Key Part No. | 5    | 100  | 250  |
|-------------------------------------|----------------|-------------------|------|------|------|
| <b>312P Series — Cartridge Type</b> |                |                   |      |      |      |
| .062                                | 250            | F2495-ND*         | 2.06 | 1.50 | 1.33 |
| .100                                | 250            | F2496-ND*         | 2.06 | 1.50 | 1.33 |
| .125                                | 250            | F2497-ND*         | 1.20 | .87  | .77  |
| .150                                | 250            | F2498-ND*         | 1.20 | .87  | .77  |
| .175                                | 250            | F2499-ND*         | 1.20 | .87  | .77  |
| .187                                | 250            | F2500-ND*         | 1.20 | .87  | .77  |
| .200                                | 250            | F2501-ND*         | 1.20 | .87  | .77  |
| .250                                | 250            | F2502-ND*         | 1.20 | .87  | .77  |
| .300                                | 250            | F2503-ND*         | 1.20 | .87  | .77  |
| .375                                | 250            | F2504-ND*         | .35  | .26  | .23  |
| .500                                | 250            | F2505-ND*         | .35  | .26  | .23  |
| .600                                | 250            | F2506-ND*         | .35  | .26  | .23  |
| .750                                | 250            | F2507-ND*         | .35  | .26  | .23  |
| 1.00                                | 250            | F2508-ND*         | .35  | .26  | .23  |
| 1.25                                | 250            | F2521-ND*         | .35  | .26  | .23  |
| 1.50                                | 250            | F2516-ND*         | .35  | .26  | .23  |
| 1.60                                | 250            | F2517-ND*         | .35  | .26  | .23  |
| 1.75                                | 250            | F2522-ND*         | .35  | .26  | .23  |
| 1.80                                | 250            | F2518-ND*         | .35  | .26  | .23  |
| 2.00                                | 250            | F2509-ND*         | .35  | .26  | .23  |
| 2.25                                | 250            | F2523-ND*         | .35  | .26  | .23  |
| 2.50                                | 250            | F2520-ND*         | .35  | .26  | .23  |
| 3.00                                | 250            | F2510-ND*         | .35  | .26  | .23  |
| 4.00                                | 250            | F2511-ND*         | .35  | .26  | .23  |
| 5.00                                | 250            | F2512-ND*         | .35  | .26  | .23  |
| 6.00                                | 250            | F2513-ND*         | .35  | .26  | .23  |
| 7.00                                | 250            | F2514-ND*         | .35  | .26  | .23  |
| 8.00                                | 250            | F2515-ND*         | .35  | .26  | .23  |
| 10.00                               | 250            | F2519-ND*         | .35  | .26  | .23  |
| 15.00                               | 32             | F2764-ND          | .65  | .47  | .42  |
| 20.00                               | 32             | F2765-ND          | .62  | .45  | .40  |
| 25.00                               | 32             | F2766-ND          | .65  | .47  | .42  |
| 30.00                               | 32             | F2767-ND          | .65  | .47  | .42  |
| <b>318P Series — Axial Type</b>     |                |                   |      |      |      |
| .125                                | 250            | F3245-ND          | 1.94 | 1.41 | 1.25 |
| .250                                | 250            | F3246-ND          | 1.94 | 1.41 | 1.25 |
| .300                                | 250            | F3247-ND          | 1.94 | 1.41 | 1.25 |
| .375                                | 250            | F3248-ND          | .86  | .63  | .56  |
| .500                                | 250            | F3249-ND          | .86  | .63  | .56  |
| 1.00                                | 250            | F2608-ND          | .86  | .63  | .56  |
| 1.50                                | 250            | F2616-ND          | .86  | .63  | .56  |
| 2.00                                | 250            | F2609-ND          | .86  | .63  | .56  |
| 2.50                                | 250            | F2618-ND          | .86  | .63  | .56  |
| 3.00                                | 250            | F2610-ND          | .86  | .63  | .56  |
| 4.00                                | 250            | F2611-ND          | .86  | .63  | .56  |
| 5.00                                | 250            | F2612-ND          | .86  | .63  | .56  |
| 6.00                                | 250            | F2613-ND          | .86  | .63  | .56  |
| 7.00                                | 250            | F2614-ND          | .86  | .63  | .56  |
| 8.00                                | 250            | F2615-ND          | .86  | .63  | .56  |

\* 312P-KIT-ND Digi-Key® 312 Series Fast Acting 3AG Cartridge 5 each of parts indicated, and 10 each of fuse clips part numbers F040-ND and F052-ND, plus a plastic storage box  
**RoHS Compliant**..... \$174.22

## 3AG Glass Body Slo-Blo® Fuses 313P and 315P Series

### Dimensions:

**313P Series:** Diameter: .25" (6.35mm); Length: 1.25" (31.75mm).

**315P Series:** Diameter: .275" (6.98mm); Length: 1.275" (32.38mm); Axial Diameter: 1/100A ~ 15A: .032" (.813mm), 20A ~ 30A: .040" (1.016mm); Axial Lead Material: Tin coated copper.

**Note:** See data sheet for detailed Amperage Safety Approvals.

| Amp Rating                          | Voltage Rating | Digi-Key Part No. | 5           | 100        | 250        |
|-------------------------------------|----------------|-------------------|-------------|------------|------------|
| <b>313P Series — Cartridge Type</b> |                |                   |             |            |            |
| .010                                | 250            | F2524-ND          | 4.25        | 3.09       | 2.74       |
| .031                                | 250            | F2525-ND          | 4.25        | 3.09       | 2.74       |
| .040                                | 250            | F2526-ND*         | 4.25        | 3.09       | 2.74       |
| .062                                | 250            | F2527-ND*         | 2.19        | 1.59       | 1.42       |
| .100                                | 250            | F2528-ND*         | 2.19        | 1.59       | 1.42       |
| .125                                | 250            | F2529-ND*         | 2.19        | 1.59       | 1.42       |
| .150                                | 250            | F2530-ND*         | 2.19        | 1.59       | 1.42       |
| .175                                | 250            | F2531-ND*         | 1.27        | .92        | .82        |
| .187                                | 250            | F2532-ND*         | 1.27        | .92        | .82        |
| <b>.200</b>                         | <b>250</b>     | <b>F2533-ND*</b>  | <b>1.27</b> | <b>.92</b> | <b>.82</b> |
| .250                                | 250            | F2534-ND*         | 1.27        | .92        | .82        |
| .300                                | 250            | F2535-ND*         | 1.27        | .92        | .82        |
| .375                                | 250            | F2536-ND*         | 1.27        | .92        | .82        |
| .400                                | 250            | F2537-ND*         | 1.27        | .92        | .82        |
| .500                                | 250            | F2538-ND*         | .97         | .70        | .62        |

| Amp Rating                      | Voltage Rating | Digi-Key Part No.    | 5    | 100  | 250  |
|---------------------------------|----------------|----------------------|------|------|------|
| .600                            | 250            | F2539-ND*            | .97  | .70  | .62  |
| .700                            | 250            | F2540-ND*            | .97  | .70  | .62  |
| .750                            | 250            | F2541-ND*            | .97  | .70  | .62  |
| .800                            | 250            | F2542-ND*            | .97  | .70  | .62  |
| 1.00                            | 250            | F2543-ND*            | .97  | .70  | .62  |
| 1.20                            | 250            | F2550-ND*            | .97  | .70  | .62  |
| 1.25                            | 250            | F2564-ND*            | .97  | .70  | .62  |
| 1.50                            | 250            | F2551-ND*            | .97  | .70  | .62  |
| 1.60                            | 250            | F2552-ND*            | .97  | .70  | .62  |
| 1.80                            | 250            | F2553-ND*            | .97  | .70  | .62  |
| 2.00                            | 250            | F2544-ND*            | .97  | .70  | .62  |
| 2.25                            | 250            | F2565-ND*            | .97  | .70  | .62  |
| 2.50                            | 250            | F2557-ND*            | .97  | .70  | .62  |
| 2.80                            | 250            | F2558-ND*            | .97  | .70  | .62  |
| 3.00                            | 250            | F2545-ND*            | .97  | .70  | .62  |
| 3.20                            | 250            | F2561-ND*            | .97  | .70  | .62  |
| 4.00                            | 250            | F2546-ND*            | 1.11 | .81  | .72  |
| 5.00                            | 250            | F2547-ND*            | 1.11 | .81  | .72  |
| 6.25                            | 250            | F2566-ND*            | 1.11 | .81  | .72  |
| 6.30                            | 250            | F2563-ND*            | 1.11 | .81  | .72  |
| 7.00                            | 250            | F2548-ND*            | 1.11 | .81  | .72  |
| 8.00                            | 250            | F2549-ND*            | 1.11 | .81  | .72  |
| 10.00                           | 32             | F2554-ND*            | 1.11 | .81  | .72  |
| 12.00                           | 32             | F2555-ND*            | 1.11 | .81  | .72  |
| 15.00                           | 32             | F2556-ND*            | 1.11 | .81  | .72  |
| 20.00                           | 32             | F2559-ND*            | 1.41 | 1.03 | .91  |
| 25.00                           | 32             | F2560-ND*            | 1.41 | 1.03 | .91  |
| 30.00                           | 32             | F2562-ND*            | 1.41 | 1.03 | .91  |
| <b>315P Series — Axial Type</b> |                |                      |      |      |      |
| .100                            | 250            | F3228-ND             | 3.77 | 2.74 | 2.43 |
| .300                            | 250            | F3230-ND             | 1.52 | 1.11 | .98  |
| .500                            | 250            | F3232-ND             | 1.52 | 1.11 | .98  |
| .750                            | 250            | F3234-ND             | 1.52 | 1.11 | .98  |
| 1.00                            | 250            | F3235-ND             | 1.52 | 1.11 | .98  |
| 1.50                            | 250            | F3241-ND             | 1.52 | 1.11 | .98  |
| 1.60                            | 250            | F3242-ND             | 1.52 | 1.11 | .98  |
| 2.00                            | 250            | F3236-ND             | 1.52 | 1.11 | .98  |
| 2.50                            | 250            | F3243-ND             | 1.52 | 1.11 | .98  |
| 3.00                            | 250            | F3237-ND             | 1.52 | 1.11 | .98  |
| 3.20                            | 250            | F3244-ND             | 1.52 | 1.11 | .98  |
| 4.00                            | 250            | F3238-ND             | 1.52 | 1.11 | .98  |
| 5.00                            | 250            | F3239-ND             | 1.52 | 1.11 | .98  |
| 7.00                            | 250            | F3240-ND             | 1.52 | 1.11 | .98  |
| 15.00                           | 32             | F3379-ND <b>NEW!</b> | 1.52 | 1.11 | .98  |
| 30.00                           | 32             | F3380-ND <b>NEW!</b> | 2.07 | 1.50 | 1.33 |

\* 313P-KIT-ND Digi-Key® 313 Series Slo-Blo® 3AG Cartridge 5 each of parts indicated, and 10 each of fuse clips part numbers F040-ND and F052-ND, plus a plastic storage box  
**RoHS Compliant**..... \$106.36

## Midget Fast-Acting Fuses (13/32" x 1 1/2") KLK Series

Fast-acting fuses designed for use in circuits with high AC fault current capacity.

### Dimensions:

Diameter: .406" (10.31mm); Length: 1.50" (38.1mm).

**Note:** See data sheet for detailed Amperage Safety Approvals.

| Amp Rating                         | Voltage Rating | Digi-Key Part No. | 1     | 100   | 250   |
|------------------------------------|----------------|-------------------|-------|-------|-------|
| <b>KLK Series — Cartridge Type</b> |                |                   |       |       |       |
| .500                               | 600            | F1071-ND          | 22.55 | 14.03 | 13.53 |
| 2.00                               | 600            | F1074-ND          | 30.32 | 21.00 | 18.66 |
| 3.00                               | 600            | F1075-ND          | 30.16 | 20.88 | 18.56 |
| 4.00                               | 600            | F1076-ND          | 30.88 | 21.38 | 19.00 |
| 5.00                               | 600            | F1077-ND          | 30.32 | 21.00 | 18.66 |
| 6.00                               | 600            | F1078-ND          | 29.48 | 20.41 | 18.14 |
| 10.00                              | 600            | F1080-ND          | 30.32 | 21.00 | 18.66 |
| 15.00                              | 600            | F1081-ND          | 30.32 | 21.00 | 18.66 |
| 20.00                              | 600            | F1082-ND          | 30.45 | 21.09 | 18.74 |
| 25.00                              | 600            | F1083-ND          | 30.45 | 21.09 | 18.74 |
| 30.00                              | 600            | F1084-ND          | 30.45 | 21.09 | 18.74 |

## NEW! 1,000VDC Solar Rated Midget Fuses (13/32" x 1 1/2") SPF Series

The SPF Solar Protection Fuse series has been specifically designed for photovoltaic (PV) systems. This family of midget fuses (10x38mm) can safely protect PV modules and their conductors from reverse overcurrent conditions despite the associated challenges of DC power.  
Maximum Interrupt Rating: 20,000 amperes; L/R<2mS

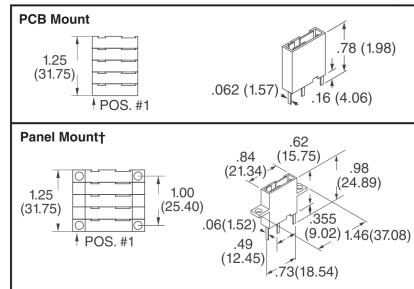
| Amp Rating                           | Voltage Rating | Digi-Key Part No. | 1     | 100   | 250   |
|--------------------------------------|----------------|-------------------|-------|-------|-------|
| <b>SPF Series — Fast Acting Type</b> |                |                   |       |       |       |
| 1.00                                 | 1,000          | F3508-ND          | 30.38 | 18.90 | 18.23 |
| 2.00                                 | 1,000          | F3509-ND          | 30.38 | 18.90 | 18.23 |
| 3.00                                 | 1,000          | F3510-ND          | 30.38 | 18.90 | 18.23 |
| 4.00                                 | 1,000          | F3511-ND          | 30.38 | 18.90 | 18.23 |
| 5.00                                 | 1,000          | F3512-ND          | 30.38 | 18.90 | 18.23 |
| 8.00                                 | 1,000          | F3513-ND          | 28.94 | 18.01 | 17.37 |
| 10.00                                | 1,000          | F3514-ND          | 30.38 | 18.90 | 18.23 |
| 12.00                                | 1,000          | F3515-ND          | 31.91 | 19.86 | 19.15 |
| 20.00                                | 1,000          | F3516-ND          | 30.38 | 18.90 | 18.23 |
| 25.00                                | 1,000          | F3517-ND          | 30.38 | 18.90 | 18.23 |
| 30.00                                | 1,000          | F3518-ND          | 30.38 | 18.90 | 18.23 |

## NEW! 1,000VDC POWER-SAFE "Dead-Front" Holder LPHV Series

**Specifications:** • Use with SPF Series Fuses • Amperage Rating: 30 amperes • Wire Range: #6 ~ #14 CU 75°C • Terminal Type: Pressure Plate • SCCR Rating: 20,000 amperes • 35mm DIN Rail Mounting

| Rating Voltage | Digi-Key Part No. | 1     | 100   | 250   | Littelfuse Part No. |
|----------------|-------------------|-------|-------|-------|---------------------|
| 1,000          | F3519-ND          | 22.61 | 14.07 | 13.57 | LPHV0001Z           |

## Gangable Alarm Indicating Fuseholders



**Specifications:** • Typical 5 Pole Holder Assembly • **Electrical:** Rated at 15A for any voltage up to 125VAC, 125VDC • **Molded Bodies:** Black, Thermoplastic (UL 94V0) • **Terminals:** Alarm Terminal – Brass, tin-plated, wire-wrap type; Fuse Terminal – Beryllium copper, tin-plated

| No. of Poles | Digi-Key Part No. PCB Mt. | Digi-Key Part No. Panel Mt. | 1     | 10    | 100  |
|--------------|---------------------------|-----------------------------|-------|-------|------|
| 1            | F1400-ND                  | F1420-ND                    | 2.25  | 2.08  | 1.56 |
| 2            | F1401-ND                  | F1421-ND                    | 4.49  | 4.15  | 3.12 |
| 4            | F1403-ND                  | —                           | 8.98  | 8.29  | 6.22 |
| 5            | F1404-ND                  | F1424-ND                    | 11.23 | 10.37 | 7.78 |

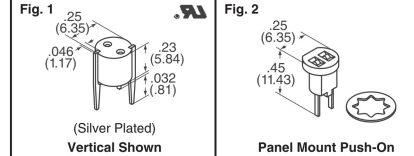
† On Panel Mount, first and last position have mounting holes only.

## Microfuse or PICO II Fuseholders

Fuseholder will accept Littelfuse Microfuses and PICO II™ fuses (rated to 5A) with .025" (.64mm) diameter leads.

**Electrical:** Rated at 5A for any voltage up to 125V. **Molded Parts:** White thermoplastic, Black panel mount **Terminals:** Copper alloy **Ambient Temperature:** -40°C ~ 100°C, Silver terminal plating

Dim. in Inch (mm)



| Fig. | Mounting   | Digi-Key Part No. | 1    | 100  | 250  |
|------|------------|-------------------|------|------|------|
| 1    | Vertical   | F060-ND†          | 2.61 | 1.81 | 1.61 |
|      | Horizontal | F061-ND†          | 2.61 | 1.81 | 1.61 |
|      | Vertical   | F1475-ND†         | 2.71 | 1.88 | 1.67 |
| 2    | Panel      | F1474-ND          | 2.92 | 2.03 | 1.80 |

† Plating: Tin ‡ UL Recognized

## NEW! HARWiN

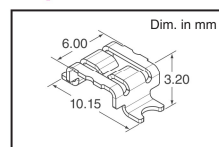
### Mini Blade Fuseclips Digi-Reel®

#### Features:

- Suitable for mating with a 2.8 x 0.8mm terminal.
- Uses minimal PCB real estate with a low profile connection.
- Resists shock and vibration.
- Reduced assembly times.

#### Materials:

- Material: Copper Alloy
- Finish: Tin



| Current Rating | Digi-Key Part No. | Cut Tape Price Each | Harwin Part No. |
|----------------|-------------------|---------------------|-----------------|
| 15A            | 952-1575-1-ND     | .31                 | S1901-46R       |
| 15A            | 952-1575-2-ND†    | .22                 | S1901-46R       |