



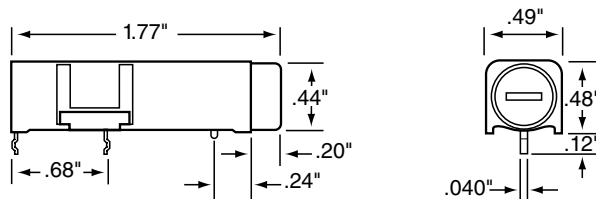
**THE DATASHEET OF**  
**03450601H**



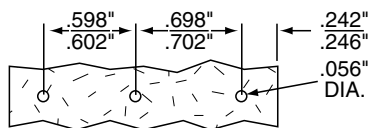
## 345 Series Shock Safe Circuit Board Mount Enclosed Fuse Holders



### Dimensions



### Recommended hole Pattern



### Additional Information



Datasheet



Resources






Samples

### Product Characteristics

|                              |   |
|------------------------------|---|
| <b>Compatible Fuse Types</b> | <b>3AG<br/>3AB<br/>5x20mm</b>   |
| <b>Description</b>           | Similar to our Shock-Safe panel mount fuseholders, this series is designed per IEC Standards 60127-6. Two different knob styles available are available for use with 3AG and 3AB (1/4" x 1 1/4") or 5 x 20mm fuses. |
| <b>Electrical</b>            | Insulation Resistance: 10,000 megohm minimum at 500 VDC.<br>Contact Resistance: Less than .005 ohm average at a current of one ampere.  |
| <b>Dielectric Strength</b>   | 4000 volts minimum.<br>Mounting: Intended for soldering to printed circuit boards.  |
| <b>Molded Parts</b>          | Body Material: Black glass-filled thermoplastic (UL 94V0).  |
| <b>Knob</b>                  | Screwdriver slot, fuse extractor type with nickel-plated, copper alloy insert. Spring-loaded, bayonet style.<br>Knob Material: Grey or Black glass-filled thermoplastic (UL94 V-0)                                  |
| <b>Terminals</b>             | Brass. Tin-plated.  |
| <b>Ambient Temperature</b>   | -40°C to +85°C.   |

### Agency Approvals

| Agency  | Agency File Number |
|---|--------------------|
|    | E14721             |
|   | 7316               |
|  | 133923             |

\* Please refer to Fuseology section for information on proper fuseholder re-rating.

### Ordering Information

| Catalog Number | Fuse Size           |
|----------------|---------------------|
| <b>345 101</b> | 1/4" x 1 1/4" Fuses |
| <b>345 121</b> | 5 x 20mm Fuses      |

Body only: 345 101-010

Knob only: 345 101-020 (1/4" x 1 1/4") Grey;

345 121-020 (5 x 20mm) Black.

## 345 Series Panel Mount Enclosed Fuse Holders



### Additional Information



**Datasheet**



**Resources**





**Samples**

### Product Characteristics

| Compatible Fuses           | For 3AB/3AG, 5x20mm Fuses   |
|----------------------------|---|
| <b>Description</b>         | Designed to eliminate the possibility of electrical shock, as defined in IEC standards 60127-6. The universal fuseholder body will accept 3AB, 3AG, and 5 x 20mm fuse sizes.        |
| <b>Electrical</b>          | Insulation Resistance: 10,000 megohm minimum at 500 VDC. Contact Resistance: Less than .005 ohm average at currents up to 1 ampere. Dielectric Strength: 4,000 volts minimum.       |
| <b>Mounting</b>            | Threaded styles withstand 15 in.-lb. mounting torque. Low profile and High profile panel thickness: .032" min./ .310" max.  |
| <b>Molded Parts</b>        | Body Material: Black glass-filled thermoplastic (UL 94V0).  |
| <b>Knob Material</b>       | Grey or black glass-filled thermoplastic (UL94 V-0) Hex Nut Material: Black glass-filled thermoplastic.   |
| <b>Knob</b>                | Fuse Extractor type with plated copper alloy insert. Plated copper alloy contact clips. Spring loaded, locking mechanism provides an anti-tease feature and will not vibrate loose. |
| <b>Terminals</b>           | Plated cooper alloy, A-187; dual purpose terminal accepts wire for soldering or a Quick-Connect receptacle.   |
| <b>Ambient Temperature</b> | -40°C to +85°C.   |

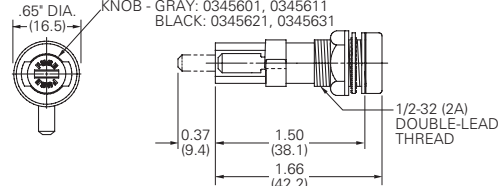
\* Please refer to Fuseology section for information on proper fuseholder re-rating.

### Agency Approval

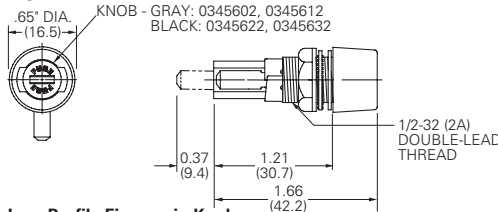
| Agency   | Agency File Number | 3AG/AB    | 5x20mm    |
|--|--------------------|-----------|-----------|
|  | E14721             | 20A, 600V | 20A, 600V |
|  | 7316               | 20A, 600V | 20A, 600V |

## Dimensions

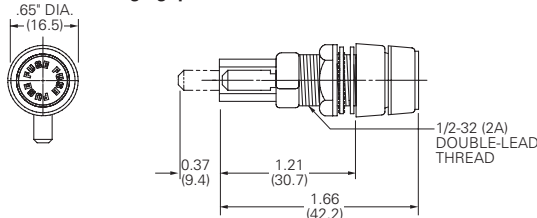
### Low Profile Screwdriver Slot Knob



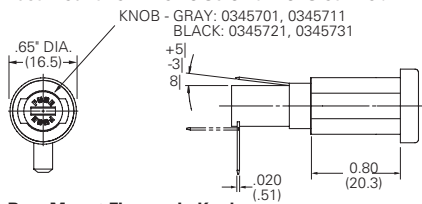
### High Profile Screwdriver Slot Knob



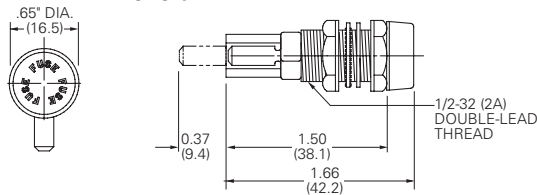
### Low Profile Fingergrip Knob



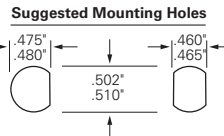
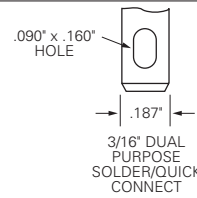
### Fast Mount Low Profile Screwdriver Slot Knob



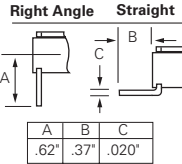
### Rear Mount Fingergrip Knob



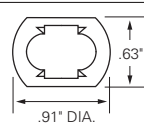
### Terminal Styles



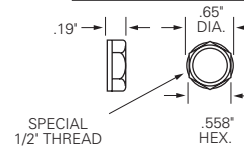
### Bottom Terminal



### "Push-On" Type Retaining Nut for Quick Mount Fuseholder



### Plastic Hex Nut with Flange



## Part Numbering System

| Part Number |           | Knob Type        | Low Profile | High Profile | Front Mount | Rear Mount | Rt. Angle Terminal | Straight Terminal | Packing           |
|-------------|-----------|------------------|-------------|--------------|-------------|------------|--------------------|-------------------|-------------------|
| (3AG/AB)    | 5x20mm    |                  |             |              |             |            |                    |                   |                   |
| 03450601H   | 03450621H | Screwdriver Slot | X           |              | X           |            | X                  |                   | Bulk (100 pieces) |
| 03450602H   | 03450622H | Screwdriver Slot |             | X            | X           |            | X                  |                   | Bulk (100 pieces) |
| 03450603H   | 03450623H | Finger Grip      |             | X            | X           |            | X                  |                   | Bulk (100 pieces) |
| 03450611H   | 03450631H | Screwdriver Slot | X           |              | X           |            |                    | X                 | Bulk (100 pieces) |
| 03450612H   | 03450632H | Screwdriver Slot |             | X            | X           |            |                    | X                 | Bulk (100 pieces) |
| 03450613H   | 03450633H | Finger Grip      |             | X            | X           |            |                    | X                 | Bulk (100 pieces) |
| 03450701H   | -         | Screwdriver Slot | X           |              | X           |            | X                  |                   | Bulk (100 pieces) |
| 03450711H   | -         | Screwdriver Slot | X           |              | X           |            |                    | X                 | Bulk (100 pieces) |
| 03450903H   | 03450923H | Finger Grip      |             | X            |             | X          | X                  |                   | Bulk (100 pieces) |
| 03450913H   | 03450933H | Finger Grip      |             | X            |             | X          |                    | X                 | Bulk (100 pieces) |

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