

# 03450121H Datasheet

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DiGi Electronics Part Number	03450121H-DG
Manufacturer	<a href="#">Littelfuse Inc.</a>
Manufacturer Product Number	03450121H
Description	FUSE HLDR CARTRIDGE 600V 16A PCB
Detailed Description	Fuse Holder 16 A 600V 1 Circuit Cartridge Through Hole

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## Purchase and inquiry

Manufacturer Product Number:

03450121H

Series:

345

Mounting Type:

Through Hole

Current Rating (Amps):

16 A

Fuse Type:

Cartridge

Number of Circuits:

1

Orientation:

Horizontal

Contact Material:

Brass

Manufacturer:

Littelfuse Inc.

Product Status:

Active

Fuse Size:

0.197" Dia x 0.787" L (5mm x 20mm)

For Use With/Related Products:

5mm x 20mm

Fuseholder Type:

Holder

Voltage:

600V

Termination Style:

PC Pin

Contact Finish:

Tin

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8538.90.8180

Moisture Sensitivity Level (MSL):

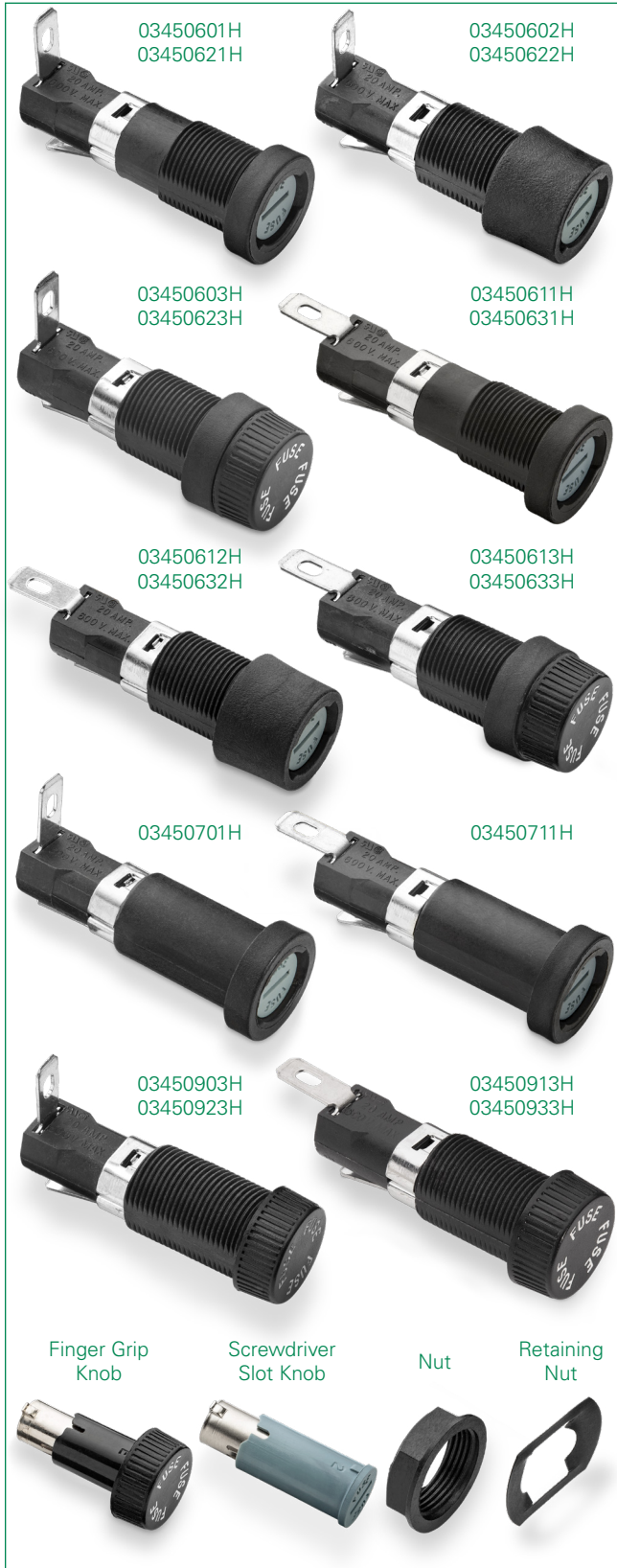
Not Applicable

ECCN:

EAR99

# 345 HV Series

## Panel Mount Enclosed Fuse Holders



### Product Characteristics

<b>Compatible Fuses</b>	<b>For 3AB/3AG, 5x20mm Fuses</b>
<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>	Knob Material: 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.
<b>Hardware</b>	Threaded style fuseholders are supplied with a thermoplastic hex nut unassembled.
<b>Ingress Protection</b>	IP40 : Protected from solid objects greater than 1 millimeter. Not protected from liquids.

\* 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

### Additional Information



Resources



Accessories



Samples

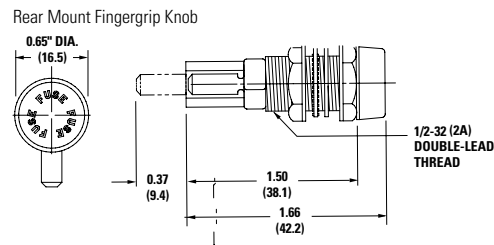
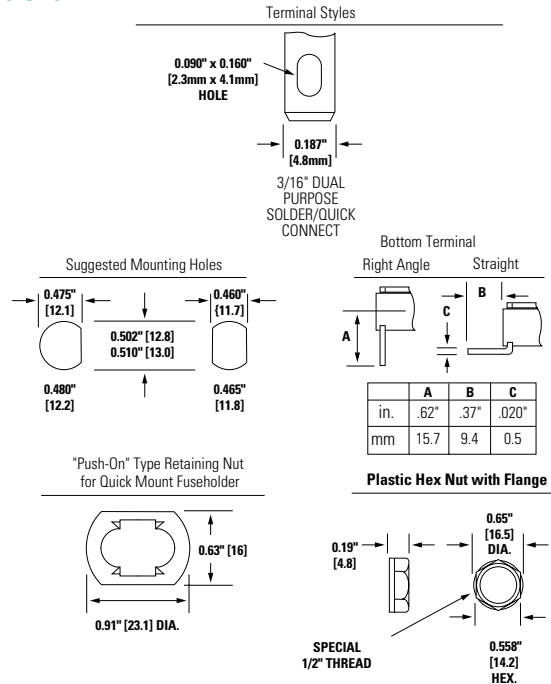
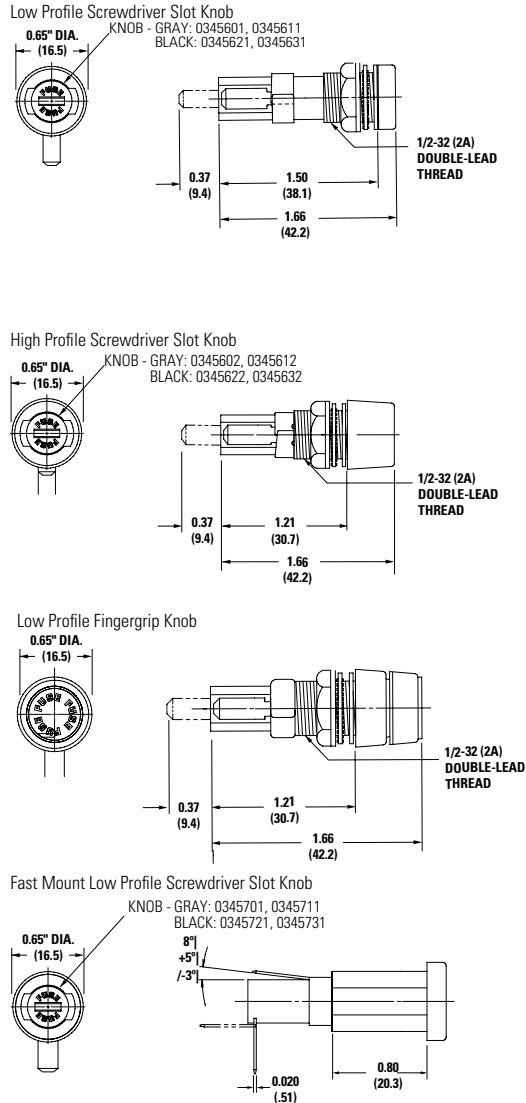
**Notes:**

- Pictures taken without fuse installed, level of screwdriver knob will look different.
- All holders include 1 nut.
- 03450903H, 03450923H, 03450913H & 03450933H include 2 nuts.
- Quick connect holders include 1 retaining nut.

# 345 HV Series

## Panel Mount Enclosed Fuse Holders

### Dimensions



### 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)

# 345 HV Series

## Shock Safe Circuit Board Mount Enclosed Fuse Holders



### Agency Approvals

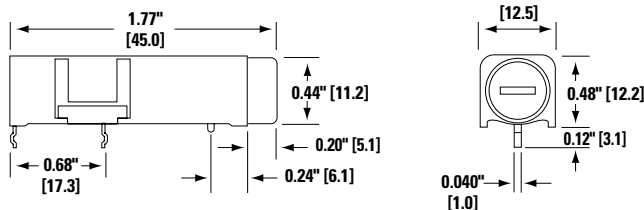
Agency	Agency File Number
	E14721
	7316
	133923

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

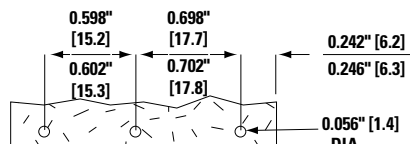
### Product Characteristics

<b>Compatible Fuse Types</b>	3AG 3AB 5x20mm
<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 (¼" × 1¼") or 5 × 20mm fuses.
<b>Electrical</b>	Insulation Resistance: 10,000 megohm minimum at 500 VDC. Contact Resistance: Less than .005 ohm average at a current of one ampere.
<b>Dielectric Strength</b>	4000 volts minimum. 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. 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.

### Dimensions



### Recommended hole Pattern



### Ordering Information

Ordering Part Number	Catalog Number	Fuse Size	Packing
03450101H	345 101	¼" × 1¼" Fuses	Bulk (100 pieces)
03450121H	345 121	5 × 20mm Fuses	Bulk (100 pieces)

Body only: 03450101HX010

Knob only: 03450101HX020 (¼" × 1¼") Grey; 03450121HX020 (5 × 20mm) Black.

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