

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: 03450612X
Manufacturer: Littelfuse Inc.
Package: Bulk
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/littelfuse-inc/03450612x.html>

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Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

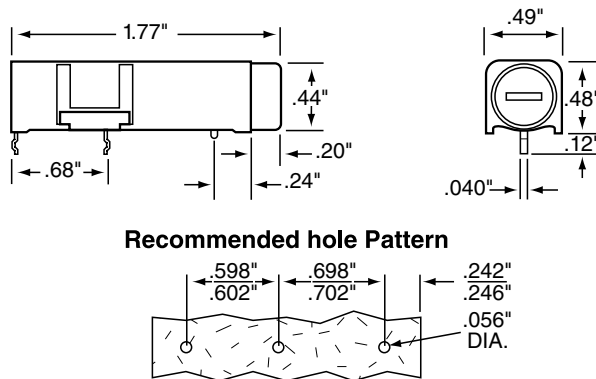
This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

345 Series Shock Safe Circuit Board Mount Enclosed Fuse Holders



Dimensions



Additional Information



Datasheet



Resources



Samples

Product Characteristics

Compatible Fuse Types	3AG 3AB 5x20mm
Description	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 ($\frac{1}{4}'' \times 1\frac{1}{4}''$) or 5 x 20mm fuses.
Electrical	Insulation Resistance: 10,000 megohm minimum at 500 VDC. Contact Resistance: Less than .005 ohm average at a current of one ampere.
Dielectric Strength	4000 volts minimum. Mounting: Intended for soldering to printed circuit boards.
Molded Parts	Body Material: Black glass-filled thermoplastic (UL 94V0).
Knob	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)
Terminals	Brass. Tin-plated.
Ambient Temperature	-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
345 101	$\frac{1}{4}'' \times 1\frac{1}{4}''$ Fuses
345 121	5 x 20mm Fuses

Body only: 345 101-010

Knob only: 345 101-020 ($\frac{1}{4}'' \times 1\frac{1}{4}''$) 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
Description	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.
Electrical	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.
Mounting	Threaded styles withstand 15 in.-lb. mounting torque. Low profile and High profile panel thickness: .032" min./ .310" max.
Molded Parts	Body Material: Black glass-filled thermoplastic (UL 94V0).
Knob Material	Grey or black glass-filled thermoplastic (UL94 V-0) Hex Nut Material: Black glass-filled thermoplastic.
Knob	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.
Terminals	Plated copper alloy, A-187; dual purpose terminal accepts wire for soldering or a Quick-Connect receptacle.
Ambient Temperature	-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



Suggested Mounting Holes



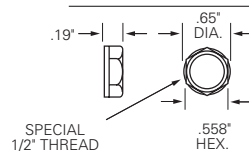
Bottom Terminal



"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)