

[INCH-POUND]
A-A-55570/3C
19 April 2012

SUPERSEDING
A-A-55570/3B
13 March 2007

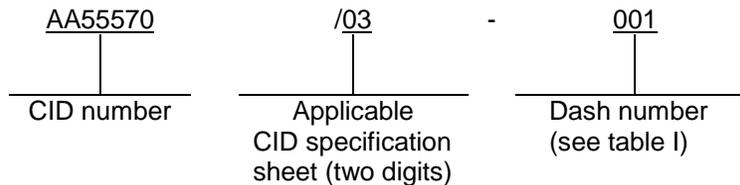
COMMERCIAL ITEM DESCRIPTION SPECIFICATION SHEET

FUSEHOLDER, EXTRACTOR POST, PRINTED CIRCUIT (PC) BOARD MOUNT TYPE,
ACCOMMODATES MINIATURE, AUTOMOTIVE BLADE TYPE, INCLOSED LINK FUSES.

The General Services Administration has authorized the use of this commercial item description (CID) for all federal agencies.

The complete requirements for procuring the fuseholder described herein shall consist of this document and the issue in effect of [A-A-55570](#).

CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN). This commercial item description (CID) specification sheet uses a classification system that is included in the PIN as shown in the following example (see NOTES).



SALIENT CHARACTERISTICS.

Interface and physical dimensions. Fuseholders supplied to this CID specification sheet shall be as specified herein (see figure 1).

Ampere rating. The ampere rating shall be as specified in table I.

Voltage rating. The voltage rating shall be 32 V dc.

Fuseholder body material. The fuseholder body material shall be black thermoplastic with a [UL 94 VO](#) flammability rating as a minimum.

Terminal plating. Terminals shall be tin plated copper alloy. Use of pure tin plating is prohibited as a final finish and as an undercoat. Use of tin-lead (Sn-Pb) finishes are acceptable provided that the minimum lead content is 3 percent.

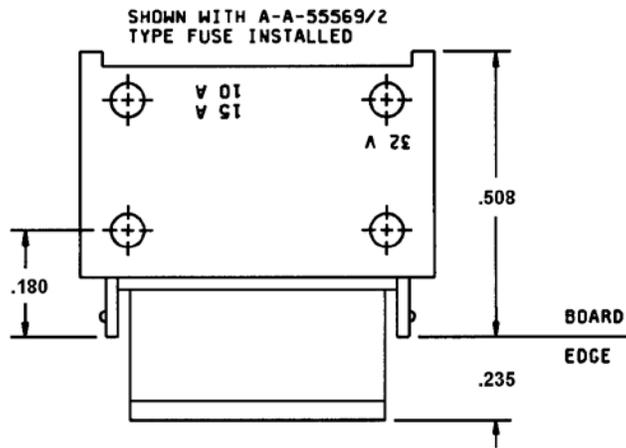
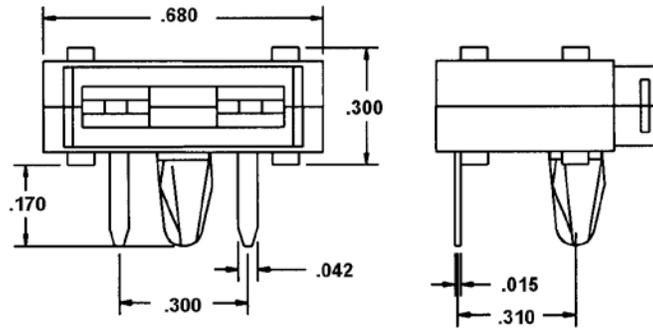
Operating temperature. The operating temperature shall be -40°C to +85°C.

PC Board compatibility. Fuseholders supplied to this CID shall be compatible with a standard .062 inch (1.57 mm) PC board thickness.

Mounting. Three fuseholders can be mounted side by side (stacked and operated) at rated current.

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Horizontal mount
(AA55570/03-001)



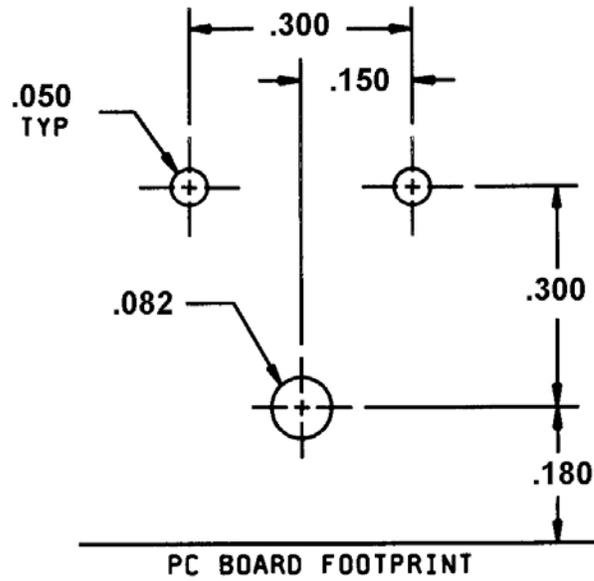
Inches	mm	Inches	mm
.015	.381	.300	7.62
.042	1.07	.310	7.87
.170	4.32	.508	12.90
.180	4.57	.680	17.27
.235	5.97		

NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.005 inch (0.13 mm), unless otherwise specified.

FIGURE 1. Configuration and dimensions.

Horizontal mount
(AA55570/03-001)



Inches	mm
.050	1.27
.082	2.08
.150	3.81
.180	4.57
.300	7.62

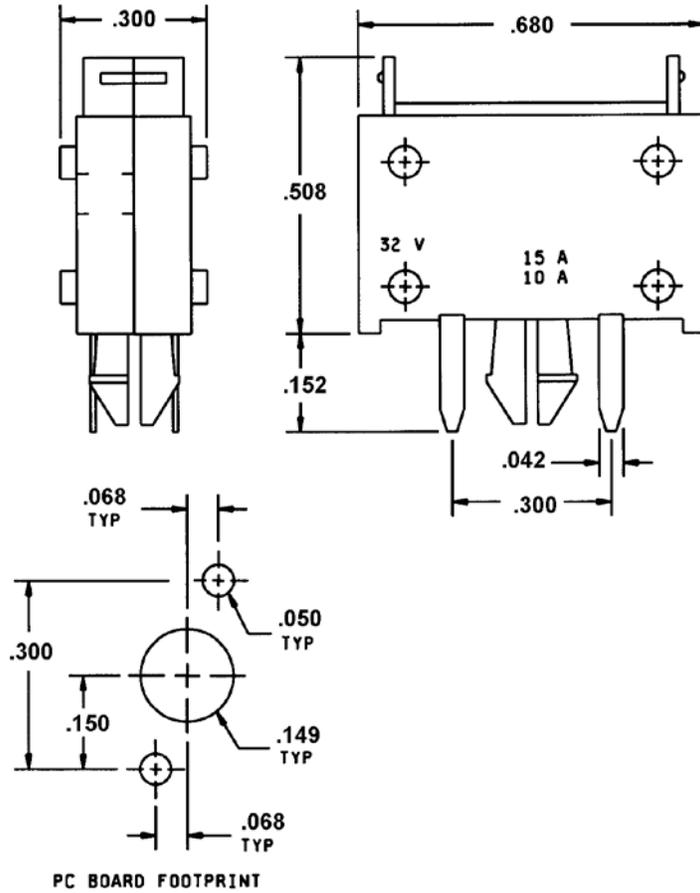
NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.005 inch (0.13 mm), unless otherwise specified.

FIGURE 1. Configuration and dimensions - continued.

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Vertical mount
Single or stackable end unit
(AA55570/03-002)



Inches	mm	Inches	mm
.042	1.07	.152	3.86
.050	1.27	.300	7.62
.068	1.73	.508	12.90
.149	3.78	.680	17.27
.150	3.81		

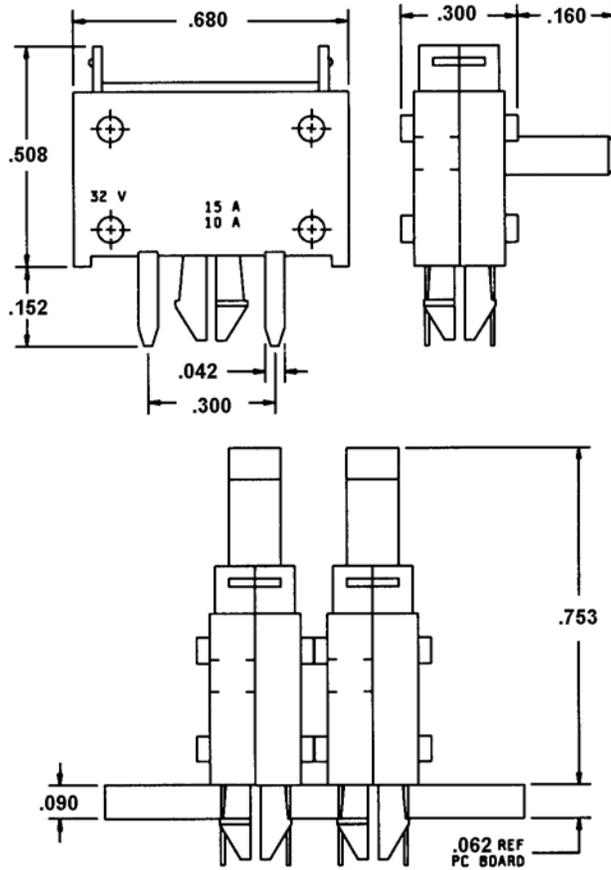
NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.005 inch (0.13 mm), unless otherwise specified.

FIGURE 2 Configuration and dimensions.

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Vertical mounts
Stackable unit
(AA55570/03-003)



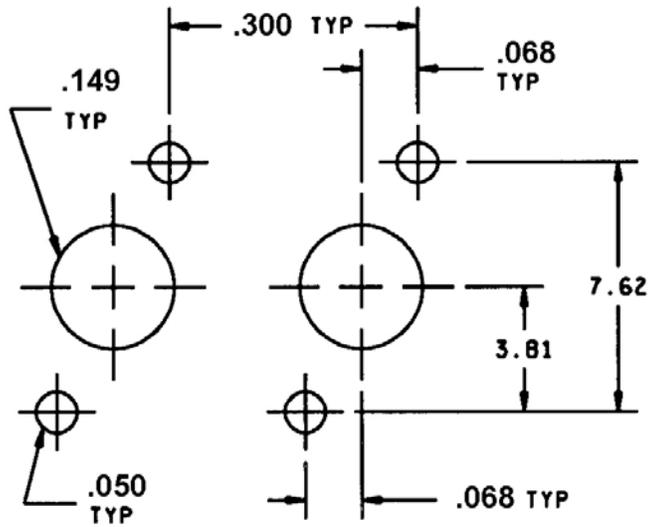
Inches	mm	Inches	mm
.042	1.07	.300	7.62
.062	1.57	.508	12.90
.090	2.29	.680	17.27
.152	3.86	.753	19.13
.160	4.06		

NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.005 inch (0.13 mm), unless otherwise specified.

FIGURE 3 Configuration and dimensions.

Vertical mounts
Stackable unit
(AA55570/03-003)



PC BOARD FOOTPRINT

Inches	mm
.050	1.27
.068	1.73
.149	3.78
.150	3.81
.300	7.62

NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.005 inch (0.13 mm), unless otherwise specified.

FIGURE 3 Configuration and dimensions - continued.

TABLE I. Electrical characteristics.

CID dash number AA55570/03-	Description	Fuse accommodation
001	Horizontal mount PC board fuseholder.	Accommodated CID fuses AA55569/02-001 through AA55569/02-008.
002	Single or stackable (end unit) vertical mount PC board fuseholder.	
003	Stackable vertical mount PC board fuseholder.	

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID specification sheet. See classification information for PIN format example.

Source of documents.

Other Publications

UNDERWRITERS LABORATORIES, INCORPORATED (UL)

[UL 94](#) - Safety Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, Standard For.

(Copies of this document is available online at <http://www.ul.com/> or from the Underwriters Laboratories, Incorporated, 333 Pfingsten Road, Northbrook, IL 60062-2096.)

(Industry association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

MFR's CAGE

75915

MFR's name and address

Littelfuse Incorporated
 8755 W. Higgins Road; Suite 500
 Chicago, IL 60631-2708
 Phone number (800) 999-9445
 Facsimile number (847) 391-0753
 E-mail: <mailto:electronics@littelfuse.com>
 Uniform Resource Locator (URL): <http://www.littelfuse.com>

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Part number (P/N) supersession data. These CID specification sheet PINs supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE III. P/N supersession data.

CID dash number AA55570/03- (see table I)	MFR's CAGE	MFR's P/N <u>1/</u>
001	75915	153007
002	75915	153008
003	75915	153009

1/ The manufacturer's P/N shall not be used for acquisition to the requirements of this CID specification sheet. At the time of preparation of this CID specification sheet, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements, see the marking paragraph of [A-A-55570](#).

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

MILITARY INTERESTS:

Custodians:
Navy - EC
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FAS

Preparing activity:

DLA-CC

Project 5920-2012-022

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.