

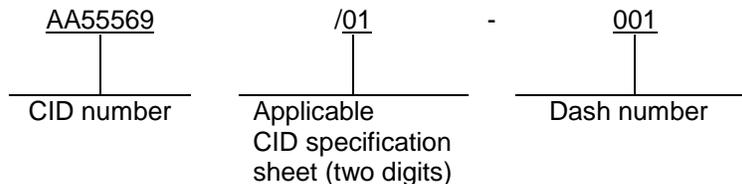
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

FUSE, INCLOSED LINK, FAST ACTING, 1 AMPERE (A) THROUGH 40 A,
AUTOMOTIVE BLADE TYPE

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

The complete requirements for procuring inclosed link fuses described herein shall consist of this document and the issue in effect of [A-A-55569](#).

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



SALIENT CHARACTERISTICS.

Interface and physical dimensions. Fuses supplied to this CID specification sheet shall be as specified herein, and shall meet the requirements of [SAE J1284](#) for blade type, electrical fuses (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 maximum.

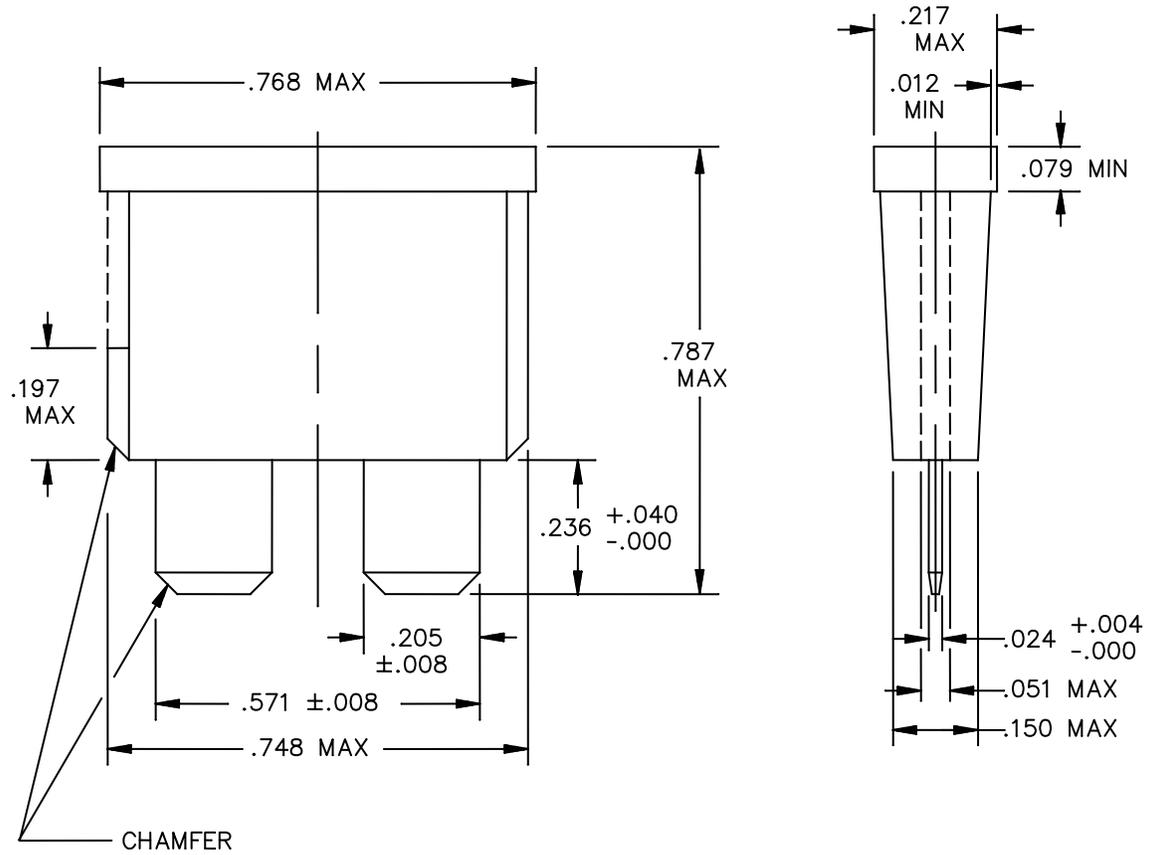
Opening time. The opening time shall be as specified in table II.

Accommodating fuseholder. Fuses supplied to this CID may be used with fuseholder CID [A-A-55570/1](#).

NOTES:

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

A-A-55569/1C



| Inches | mm | Inches | mm |
|--------|-----|--------|------|
| .004 | 0.1 | .197 | 5.0 |
| .008 | 0.2 | .205 | 5.2 |
| .012 | 0.3 | .217 | 5.5 |
| .024 | 0.6 | .236 | 6.0 |
| .040 | 1.0 | .571 | 14.5 |
| .051 | 1.3 | .748 | 19.0 |
| .079 | 2.0 | .768 | 19.5 |
| .150 | 3.8 | .787 | 20.0 |

NOTES:

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

FIGURE 1. Interface and physical dimensions.

TABLE I. Electrical characteristics.

| CID dash number AA55569/01- | Ampere rating | Color code <u>1/</u> |
|--------------------------------|---------------|----------------------|
| 001 | 1 | Black |
| 002 | 2 | Grey |
| 003 | 3 | Violet |
| 004 | 4 | Pink |
| 005 | 5 | Tan |
| 006 | 7.5 | Brown |
| 007 | 10 | Red |
| 008 | 15 | Blue |
| 009 | 20 | Yellow |
| 010 | 25 | Natural |
| 011 | 30 | Green |
| 012 | 35 | Blue green |
| 013 | 40 | Amber |

1/ Fuses are color-coded for easy amperage identification.

TABLE II. Rating versus opening time.

| Percent of rating | Current rating | Opening time | |
|----------------------|-------------------|--------------|---------------|
| | | Minimum | Maximum |
| 100 | 1 A - 40 A | 100 hours | N/A |
| 135 | 1 A - 2 A | .50 seconds | 1,800 seconds |
| | 3 A - 40 A | .75 seconds | 1,800 seconds |
| 200 | 1 A - 2 A | .10 seconds | 5 seconds |
| | 3 A - 40 A | .15 seconds | 5 seconds |
| 350 | 1 A - 2 A | .020 seconds | .5 seconds |
| | 3 A - 40 A | .080 seconds | .5 seconds |

Source of documents.

COMMERCIAL ITEM DESCRIPTION

[A-A-55570/1](#) - Fuseholder, Extractor Post, In-Line Type, Accommodates Fast Acting, Automotive Blade Type, Inclosed Link Fuses.

(Copies of this documents is available online at <https://assist.daps.dla.mil/quicksearch/> or <https://assist.daps.dla.mil> or from the DLA Document Services Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

Other Publications

SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)

[SAE J1284](#) - Blade Type Electric Fuses, Standard.

(Copies of this document is available online at <http://www.sae.org/> or from the Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096-0001.)

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

| <u>MFR's CAGE</u> | <u>MFR's name and address</u> |
|-------------------|--|
| 71400 | Cooper Bussmann, Incorporated P. O. Box 14460 St. Louis, MO 63178-4460 Phone number (636) 394-2877 Facsimile number (800) 544-2570 E-mail: mailto:fusebox@cooperindustries.com Uniform Resource Locator (URL): http://www.cooperindustries.com/ |
| 75915 | Littelfuse Incorporated 8755 West Higgins Road, Suite 500 Chicago, IL 60631-2701 Phone number (773) 628-1000 E-mail: mailto:electronics@littelfuse.com URL: http://www.littelfuse.com/ |

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 AA55569/01- (see table I) | MFR's CAGE | MFR's P/N ^{1/} | MFR's CAGE | MFR's P/N ^{1/} |
|---|------------|-------------------------|------------|-------------------------|
| 001 | N/A | N/A | 75915 | 257001 |
| 002 | N/A | N/A | 75915 | 257002 |
| 003 | 71400 | ATC-3 | 75915 | 257003 |
| 004 | 71400 | ATC-4 | 75915 | 257004 |
| 005 | 71400 | ATC-5 | 75915 | 257005 |
| 006 | 71400 | ATC-7.5 | 75915 | 257007.5 |
| 007 | 71400 | ATC-10 | 75915 | 257010 |
| 008 | 71400 | ATC-15 | 75915 | 257015 |
| 009 | 71400 | ATC-20 | 75915 | 257020 |
| 010 | 71400 | ATC-25 | 75915 | 257025 |
| 011 | 71400 | ATC-30 | 75915 | 257030 |
| 012 | N/A | N/A | 75915 | 257035 |
| 013 | 71400 | ATC-40 | 75915 | 257040 |

^{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 PIN shown. For actual part marking requirements, see the marking paragraph of [A-A-55569](#).

National stock number (NSN). The following is a list of NSN's assigned which correspond to this CID specification sheet. The list is for information only and may not be indicative of all possible NSN's associated with the CID specification sheet. For up to date information on assigned NSN's, please contact the aforementioned DLA Land and Maritime office listed in [A-A-55569](#).

TABLE IV. NSN's.

| Dash number (see table I) AA55569/01- | NSN | Dash number (see table I) AA55569/01- | NSN |
|---|------------------|---|------------------|
| 001 | 5920-01-382-4861 | 008 | 5920-01-149-6952 |
| 002 | N/A | 009 | 5920-01-085-0825 |
| 003 | 5920-01-123-5210 | 010 | 5920-01-149-6953 |
| 004 | 5920-01-369-1801 | 011 | 5920-01-188-6294 |
| 005 | 5920-01-123-5212 | 012 | N/A |
| 006 | 5920-01-253-1494 | 013 | N/A |
| 007 | 5920-01-123-5211 | | |

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 5920-2011-002

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>.