

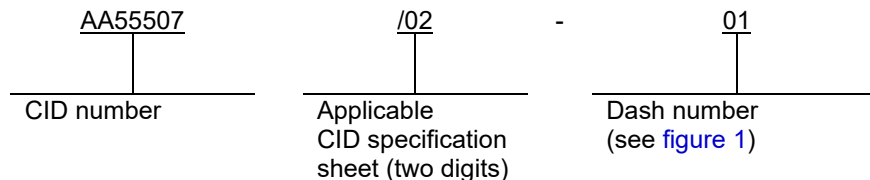
COMMERCIAL ITEM DESCRIPTION  
SPECIFICATION SHEET

CLIP, ELECTRICAL, FUSE, P.C. BOARD,  
15 AND 30 AMPERE, FOR FUSE DIAMETER 1/4 INCH

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

The complete requirements for procuring clip, electrical, fuse, p.c. board, 15 and 30 ampere, for fuse diameter 1/4 inch described herein shall consist of this document and the issue in effect of CID [A-A-55507](#).

CLASSIFICATION OR PART 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. Clip, electrical, fuse, p.c. board, supplied to this CID shall be as specified herein (see [figure 1](#)).

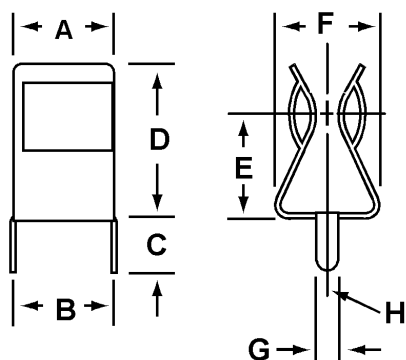
Materials. Materials are as follows (see also [figure 1](#)):

- A: Copper clad steel consisting of a core, representing  $80 \pm 1$  percent of the sheet thickness, SAE grade 1065. This core shall be located between two layers of oxygen-free copper. Each copper layer shall represent  $10 \pm 1$  percent of the total sheet thickness before plating.
- B: Copper-beryllium alloy in accordance with [ASTM-B194](#).
- C: Phosphor bronze in accordance with [ASTM-B139/B139M](#).
- D: Spring brass in accordance with [ASTM-B36/B36M](#).

Finish: Finishes are based on the material and the current rating of the clips. Finish for clips made of materials B or C shall be bright alloy plate for 15-ampere ratings, and silver plate for 30-ampere rating. Clips made of material A shall receive a copper flash initial plating followed by a final finish of either bright alloy plate, silver plate, or hot tin dip. Tin finishes must have a lead content of at least 3 percent. The thickness of all plated finishes shall be at least .0002 inch.

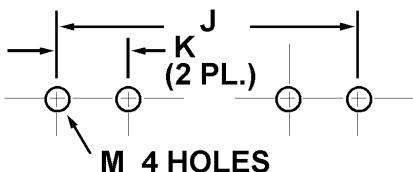
Marking. As specified in [A-A-55507](#).





| Dimension | Length                |
|-----------|-----------------------|
| A         | .330 (8.38) max.      |
| B         | .28 (7.11)            |
| C         | .16 (4.06) max.       |
| D         | .42 (10.67)           |
| E         | .27 (6.86)            |
| F         | .31 (7.87)            |
| G         | .06 (1.52)            |
| H         | .03 R (0.76 R)        |
| K         | .300 (7.62)           |
| M         | .078 dia. (1.98 dia.) |

### DIMENSIONS



| Nominal Fuse Length | Length "J"    |
|---------------------|---------------|
| .625 (15.88)        | .750 (19.05)  |
| .750 (19.05)        | .875 (22.23)  |
| .875 (22.23)        | 1.000 (25.40) |
| 1.000 (25.40)       | 1.125 (28.58) |
| 1.062 (26.97)       | 1.187 (30.15) |
| 1.250 (31.75)       | 1.347 (34.21) |
| 1.437 (36.50)       | 1.562 (39.67) |

### RECOMMENDED MOUNTING PATTERN

#### CONFIGURATION A

| PIN<br>AA55507/02- | Material | Maximum<br>current rating<br>(A) | Nominal fuse<br>diameter | Finish        | Style   |
|--------------------|----------|----------------------------------|--------------------------|---------------|---------|
| 01                 | A        | 15                               | .250 (6.35)              | Tin-plated    | Ear     |
| 02                 | A        | 15                               | .250 (6.35)              | Tin-plated    | Earless |
| 03                 | A        | 15                               | .250 (6.35)              | Hot Tin       | Ear     |
| 04                 | B        | 30                               | .250 (6.35)              | Silver-plated | Ear     |
| 05                 | B        | 30                               | .250 (6.35)              | Silver-plated | Earless |
| 06                 | B        | 30                               | .250 (6.35)              | Tin-plated    | Ear     |
| 07                 | B        | 30                               | .250 (6.35)              | Tin-plated    | Earless |

#### NOTES:

1. Dimensions are in inches. Millimeters are in parentheses and are provided for general information only.
2. Unless otherwise specified, tolerances are  $\pm .02$  (0.51) for two place decimals and  $\pm .005$  (0.13) for three place decimals.
3. Fuse clips have end stops and straight leads.
4. Maximum board thickness 0.093 (2.36).

Figure 1. Configurations and dimensions.

NOTES.

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

Source of documents.

COMMERCIAL ITEM DESCRIPTION

[A-A-55507](#) - Clip, Electrical, Fuse, General Requirements for

(Copy of this document is available online at <https://quicksearch.dla.mil>).

ASTM INTERNATIONAL

[ASTM-B194](#) - Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar

[ASTM-B139/B139M](#) - Phosphor Bronze Rod, Bar, and Shapes

[ASTM-B36/B36M](#) - Plate, Brass, Sheet, Strip, and Rolled Bar

(Copies of these documents are available online at <https://astm.org>).

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 acquisition to only the manufacturers shown.)

MFR's CAGE  
75915

MFR's name and address  
Littelfuse Inc.  
8755 W Higgins Road, Ste. 500  
Chicago, IL 60631-2701  
Phone: (773) 628-1000  
Phone: (847) 824-1188  
FAX: (847) 824-9476  
Manufacturer's MAIL [lfelectr@interaccess.com](mailto:lfelectr@interaccess.com)  
Manufacturer's URL - <https://www.littelfuse.com>

A-A-55507/2D

Part number (P/N) supersession data. These CID part numbers 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 I. P/N supersession data.

| Dash number<br>(see <a href="#">table I</a> )<br>AA55507/02- | MFR's CAGE | MFR's P/N <a href="#">1/</a> |
|--------------------------------------------------------------|------------|------------------------------|
| 001                                                          | 75915      | 01020071Z                    |
| 002                                                          | 75915      | 01020074Z                    |
| 003                                                          | 75915      | 01020076Z                    |
| 004                                                          | 75915      | 01220083Z                    |
| 005                                                          | 75915      | 01220087Z                    |
| 006                                                          | 75915      | 01220088Z                    |
| 007                                                          | 75915      | 01220093Z                    |

[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-55507](#).

Changes from previous issue. The margins of this CID specification sheet are marked with asterisks to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

MILITARY INTERESTS:

Custodians:

Army - CR  
Navy - SH  
Air Force – 85  
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA-CC  
(Project 5999-2025-005)

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.dla.mil/>.