

COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

FUSE, INCLOSED LINK, FAST ACTING, 2 AMPERES (A) THROUGH 30 A,
MINIATURE, 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 the inclosed fuse links described herein shall consist of this
document and the issue in effect of CID [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).

<u>AA55569</u>	<u>/02</u>	-	<u>001</u>
CID number	Applicable CID specification sheet (two digits)		Dash number

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 J2077](#) for miniature blade type, electrical fuses (see figure
1).

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

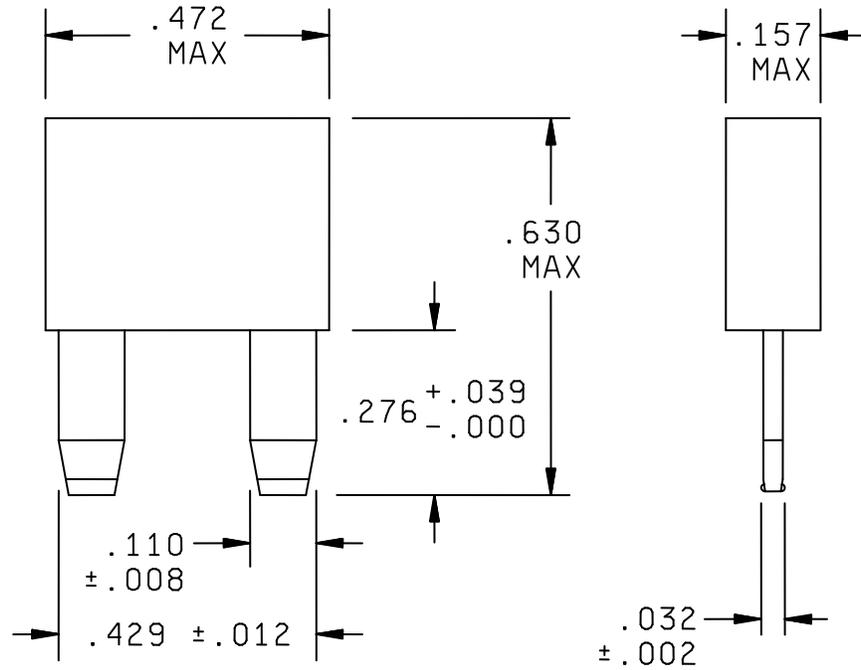
Voltage rating. The voltage rating shall be 32 V dc maximum.

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

Accommodating fuseholder. Fuses supplied to this CID may be used with fuseholder CIDs [A-A-55570/1](#),
or [A-A-55570/3](#).

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.



Inches	mm	Inches	mm
.002	0.04	.157	4.0
.008	0.2	.276	7.0
.012	0.3	.429	10.9
.032	0.82	.472	12.0
.039	1.0	.630	16.0
.110	2.8		

NOTES:

1. Dimensions are in inches.
2. Tolerance is ±.005 inch (0.13 mm), unless otherwise specified.

FIGURE 1. Interface and physical dimensions.

TABLE I. Electrical characteristics.

CID dash number AA55569/02-	Ampere rating	Color code ^{1/}
001	2	Grey
002	3	Violet
003	4	Pink
004	5	Tan
005	7.5	Brown
006	10	Red
007	15	Blue
008	20	Yellow
009	25	Natural
010	30	Green

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

TABLE II. Rating versus opening time.

Percent of rating	Opening time	
	Minimum	Maximum
100	100 hours	N/A
135	.75 seconds	1,800 seconds
200	.15 seconds	5 seconds
350	0.80 seconds	.5 seconds
600	.030 seconds	.100 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.

[A-A-55570/3](#) - Fuseholder, Extractor Post, Printed Circuit (PC) Board Mount Type, Accommodates Miniature, Automotive Blade Type, Inclosed Link Fuses.

(Copies of these documents are 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 J2077](#) - Miniature Blade Type Electrical 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>
75915	Littelfuse Incorporated 8755 West Higgins Road, Suite 500 Chicago, IL 60631-2701 Phone number (773) 628-1000 E-mail: mailto:electronics@littelfuse.com Uniform Resource Locator: 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 AA55569/02- (see table I)	MFR's P/N <u>1/</u> 75915
001	N/A
002	297003
003	297004
004	297005
005	29707.5
006	297010
007	297015
008	297020
009	297025
010	297030

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) AA55569/02-	NSN	Dash number (see table I) AA55569/02-	NSN
001	5920-01-414-6432	006	5920-01-414-6439
002	5920-01-197-2570	007	5920-01-414-6434
003	N/A	008	N/A
004	5920-01-414-6983	009	5920-01-414-6436
005	5920-01-414-6437	010	N/A

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 5920-2011-003

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>.