

## COMMERCIAL ITEM DESCRIPTION

### FUSE, INCLOSED LINK, BOLT-ON, MINIATURE

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

The complete requirements for procuring the fuses described herein shall consist of this document and the issue in effect of CID A-A-59718.

**CLASSIFICATION.** This CID uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see notes).



#### SALIENT CHARACTERISTICS.

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

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

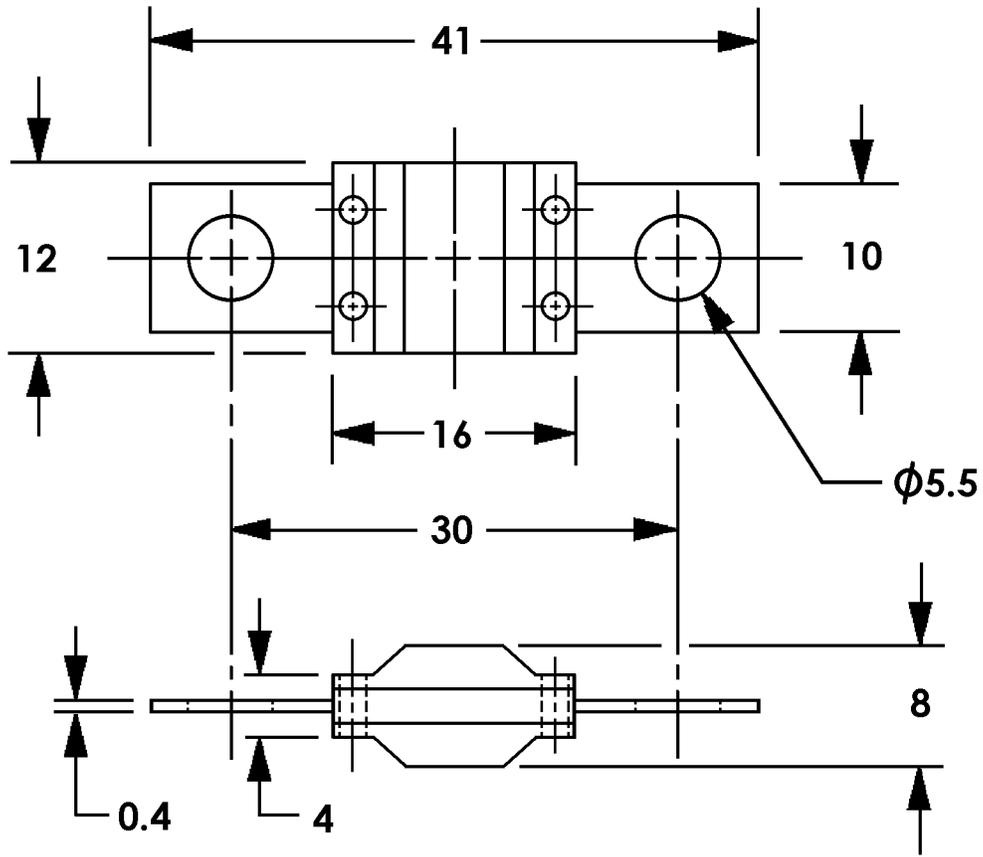
Voltage rating. The voltage rating shall be 32 volts dc.

Opening time characteristics. Opening time characteristics shall be as specified in table II.

Interrupting rating. The interrupting rating shall be 1,000 amperes (A) at 32 volts dc.

TABLE I. Characteristics.

CID dash number AA59718/01-	Current rating (A)	Nom. cold resistance (mΩ)	Typical voltage drop at rated current (mV)
001	40	1.3	65
002	50	1.04	65
003	60	0.87	68
004	70	0.72	70
005	80	0.56	58
006	100	0.45	60
007	125	0.40	71
008	150	0.33	77



mm	Inches
0.4	0.02
4	0.16
5.5	0.22
8	0.31
10	0.40
12	0.47
16	0.63
30	1.18
41	1.61

NOTES:

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

FIGURE 1. Configuration and dimensions.

TABLE II. Opening time characteristics.

Percent of rating	Opening time	
	Minimum	Maximum
100	100 hours	N/A
110	4 hours	N/A
150	90 seconds	3600 seconds
200	5 seconds	100 seconds
300	0.5 second	15 seconds

Ambient temperature. The ambient temperature shall be -40°C to +125°C.

NOTES.

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

Source of documents. This section is not applicable to this CID.

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  
 800 E. Northwest Highway  
 Des Plaines, IL 60016-3096  
 Phone number: (847) 824-1188  
 Facsimile number: (847) 391-0894  
 E-mail: electronics@littelfuse.com  
 URL: www.littelfuse.com

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 II. P/N supersession data.

CID dash number (see table I)	Vendor commercial P/N <u>1/</u>	
	MFR's CAGE	MFR's P/N <u>1/</u>
AA59718/01-		
001	75915	498040
002	75915	498050
003	75915	498060
004	75915	498070
005	75915	498080
006	75915	498100
007	75915	498125
008	75915	498150

1/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements see 3.2 of A-A-59718.

MILITARY INTERESTS:

Custodians:  
Navy - EC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA-CC

Project 5920-0749-01