

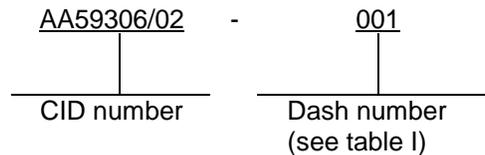
COMMERCIAL ITEM DESCRIPTION

FUSE CARTRIDGE, CLASS T, 600 VOLTS AC, FAST ACTING

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-59306.

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



SALIENT CHARACTERISTICS.

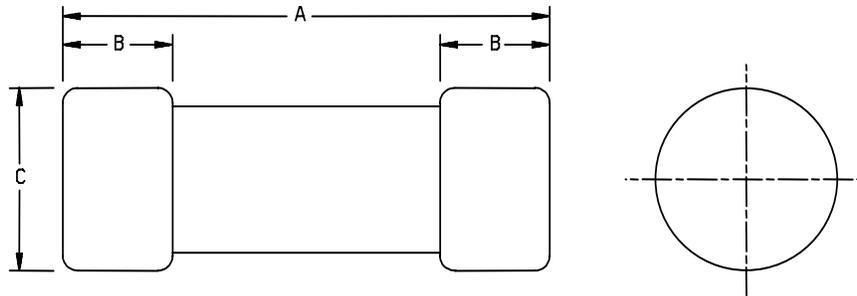
Interface and physical dimensions. Fuses supplied to this CID shall be as specified herein (see figure 1).

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

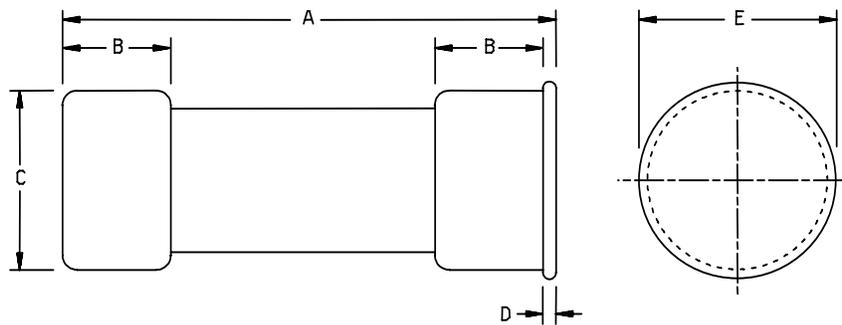
Voltage rating. The voltage rating shall be 600 V ac, 300 V dc.

Interrupting rating. The interrupting rating shall be 200,000 amperes root mean square (RMS) symmetrical for ac operation and 20,000 amperes for dc operation.

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AA59306/02	Dimensions		
	A	B	C
001 through 009	1.500 (38.10)	.280 (7.11)	.563 (10.30)



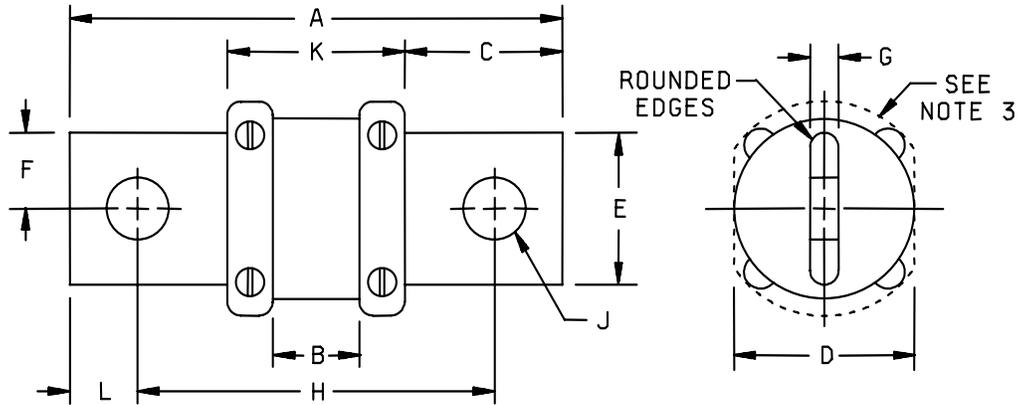
AA59306/02	Dimensions				
	A	B	C	D	E
010 through 014	1.560 (39.62)	.410 (10.41)	.812 (20.62)	.062 (1.57)	.994 (25.25)

NOTES:

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

FIGURE 1. Configuration and dimensions.

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AA59306/02-	Dimensions										
	A	B	C	D	E	F	G	H	J	K	L
015 through 018	2.953 (75.01)	0.5 (12.7)	0.646 (16.41)	0.250 (21.03)	0.750 (19.05)	0.375 (9.525)	0.125 (3.18)	2.352 (59.74)	0.281 (7.14)	1.640 (41.66)	0.300 (7.62)
019 through 023	3.250 (82.55)	0.5 (12.7)	0.787 (19.99)	1.078 (27.38)	0.875 (22.22)	0.437 (11.11)	0.188 (4.78)	2.507 (63.67)	0.344 (8.74)	1.660 (42.16)	0.372 (9.45)
024 through 028	3.625 (92.08)	0.5 (12.7)	0.926 (23.52)	1.625 (41.28)	1.000 (25.40)	0.500 (12.70)	0.250 (6.35)	2.719 (69.06)	0.406 (10.31)	1.730 (43.94)	0.453 (11.51)
029 through 031	3.984 (101.19)	0.5 (12.7)	1.074 (27.28)	2.094 (53.19)	1.250 (31.75)	0.625 (15.88)	0.312 (7.92)	2.953 (75.01)	0.484 (12.29)	1.780 (45.21)	0.516 (13.11)
032 through 033	4.328 (109.93)	0.5 (12.7)	1.207 (30.66)	2.516 (63.91)	1.750 (44.45)	0.875 (22.23)	0.375 (9.53)	3.172 (80.57)	0.547 (13.89)	1.875 (47.63)	0.578 (14.68)
034 through 035	5.270 (133.90)	2.300 (58.40)	1.441 (36.60)	2.630 (66.80)	2.000 (50.8)	1.000 (25.4)	0.440 (11.2)	3.800 (96.50)	0.609 (15.48)	2.300 (58.40)	0.735 (18.67)

NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.005 inch (0.13 mm), unless otherwise specified.
3. The dashed line represents the limit of the maximum 1.58 mm (0.063 in.) projection of the screw, rivet head, or the like.

FIGURE 2. Configuration and dimensions

TABLE I. Electrical characteristics.

CID dash number AA59306/02-	Ampere Rating	CID dash number AA59306/02-	Ampere rating
001	1	019	110
002	2	020	125
003	3	021	150
004	6	022	175
005	10	023	200
006	15	024	225
007	20	025	250
008	25	026	300
009	30	027	350
010	35	028	400
011	40	029	450
012	45	030	500
013	50	031	600
014	60	032	700
015	70	033	800
016	80	034	1000
017	90	035	1100
018	100	036	1200

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.

Other Publications

UNDERWRITERS LABORATORIES, INCORPORATED (UL)

UL 248-15 - Low-Voltage Fuses – Part 15, Class T Fuses.

(Application for copies should be addressed to the Underwriters Laboratories, Incorporated, 333 Phingsten 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.)

<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 fusebox@buss.com Uniform Resources Locator (URL): www.bussmann.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 III. P/N supersession data.

CID dash number AA59306/02- (see table I)	MFR'S CAGE 71400	CID dash number AA59306/02- (see table I)	MFR'S CAGE 71400
	MFR's P/N ^{1/}		MFR's P/N ^{1/}
001	JJS-1	019	JJS-110
002	JJS-2	020	JJS-125
003	JJS-3	021	JJS-150
004	JJS-6	022	JJS-175
005	JJS-10	023	JJS-200
006	JJS-15	024	JJS-225
007	JJS-20	025	JJS-250
008	JJS-25	026	JJS-300
009	JJS-30	027	JJS-350
010	JJS-35	028	JJS-400
011	JJS-40	029	JJS-450
012	JJS-45	030	JJS-500
013	JJS-50	031	JJS-600
014	JJS-60	032	N/A
015	JJS-70	033	JJS-800
016	JJS-80	034	N/A
017	JJS-90	035	N/A
018	JJS-100	036	N/A

^{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-59306.

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MILITARY INTERESTS:

Custodians:
Navy - EC
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA-CC

Project 5920-0768-02