

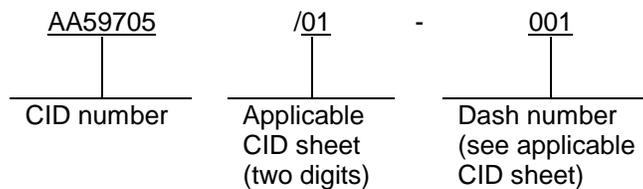
COMMERCIAL ITEM DESCRIPTION

FUSE CARTRIDGE, DUAL-ELEMENT, TIME-DELAY, CLASS RK5,
250 VOLTS (V), BLOWN FUSE INDICATION

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-59705.

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 and shall meet
the requirements of UL 248-12 for class RK5, low voltage fuses (see figures 1 and 2).

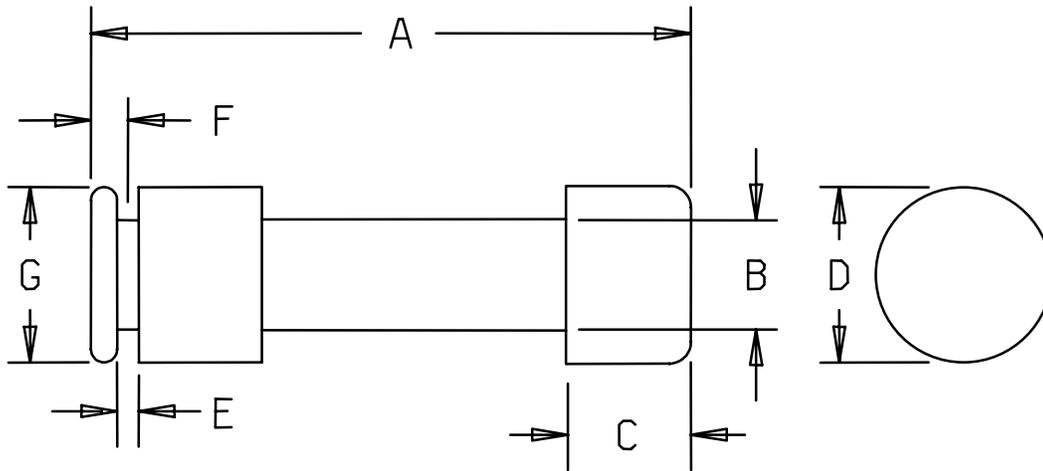
Ampere rating. The ampere rating shall be as specified in table I.

Voltage rating. The voltage rating shall be 250 V ac, 125 V dc maximum.

Interrupting ratings. The interrupting rating shall be 200,000 amperes root means squared (rms)
symmetrical, 20,000 amperes dc.

Opening time characteristics. This fuse shall open within 10 seconds minimum at 500 percent of rated
current.

Blown fuse indication. This fuse provides blown fuse indication. Location of blown fuse indicator is
optional.

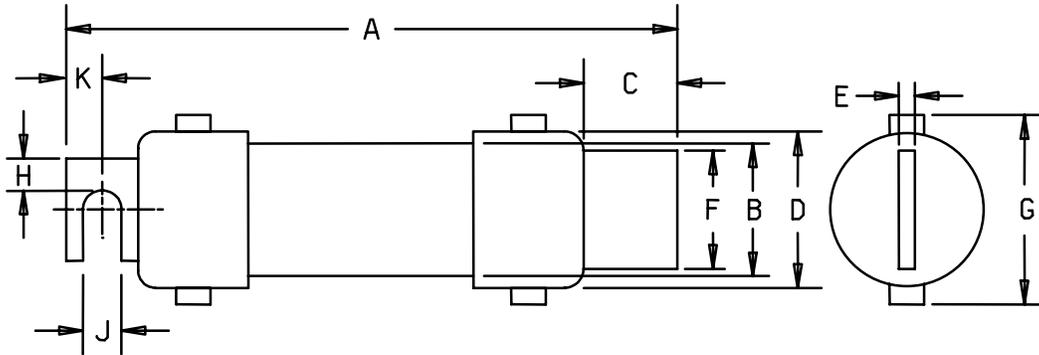


AA59705/01-	Dimensions						
	A	B	C	D	E	F	G
001 through 042	2.000 (50.8)	.500 (12.70)	.500 (12.70)	.563 (14.30)	.078 (2.0)	.156 (4.0)	.375 (9.5)
043 through 047	3.000 (76.2)	.750 (19.1)	.625 (15.9)	.813 (20.6)	.094 (2.4)	.188 (4.8)	.625 (15.9)

NOTES:

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

FIGURE 1. Configuration and dimensions.



AA59705/01-	Dimensions									
	A	B	C	D	E	F	G	H	J	K
048 through 052	5.875 (149.2)	1.000 (25.4)	1.063 (27.0)	1.063 (27.0)	.125 (3.2)	.750 (19.1)	1.25 (31.8)	.25 (6.4)	.281 (7.1)	.5 (12.7)
053 through 057	7.125 (181.0)	1.5 (38.1)	1.469 (37.3)	1.594 (40.5)	.188 (4.8)	1.125 (28.6)	1.844 (46.8)	.438 (11.1)	.281 (7.1)	.688 (17.5)
058 through 062	8.625 (219.1)	2.000 (50.8)	1.938 (49.2)	2.094 (53.2)	.250 (6.4)	1.625 (41.3)	2.344 (59.5)	.625 (15.9)	.406 (10.3)	.937 (23.8)
063 through 065	10.375 (263.5)	2.500 (63.5)	2.375 (60.3)	2.594 (65.9)	.250 (6.4)	2.000 (50.8)	2.844 (72.2)	.750 (19.1)	.531 (13.5)	1.125 (28.6)

NOTES:

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

FIGURE 2. Configuration and dimensions.

TABLE I. Electrical characteristics.

AA59705/01-	Ampere rating	AA59705/01-	Ampere rating	AA59705/01-	Ampere rating
001	1/10	024	3 2/10	046	50
002	1/8	025	3 1/2	047	60
003	15/100	026	4	048	70
004	2/10	027	4 1/2	049	75
005	1/4	028	5	050	80
006	3/10	029	5 6/10	051	90
007	4/10	030	6	052	100
008	1/2	031	6 1/4	053	110
009	6/10	032	7	054	125
010	8/10	033	7 1/2	055	150
011	1	034	8	056	175
012	1 1/8	035	9	057	200
013	1 1/4	036	10	058	225
014	1 4/10	037	12	059	250
015	1 1/2	038	15	060	300
016	1 6/10	039	17 1/2	061	350
017	18/10	040	20	062	400
018	2	041	25	063	450
019	2 1/4	042	30	064	500
021	2 1/2	043	35	065	600
022	2 8/10	044	40		
023	3	045	45		

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See section 2 for PIN format example.

Source of document.

Other publications.

UNDERWRITERS LABORATORIES, INCORPORATED (UL)

UL 248-12 - Low-Voltage Fuses - Part 12: Class R Fuses.

(Applications for copies should be addressed to the Underwriters Laboratories, Incorporated, 333 Pfingsten 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>Manufacturer's CAGE</u>	<u>Manufacturer's name and address</u>
75915	Littelfuse Incorporated 800 E. Northwest Highway Des Plaines, IL 60016-3096 Phone number: (847) 824-1188 Facsimile number: (847) 391-0894 E-mail: powrgard@littelfuse.com Uniform Resource Locator (URL): www.littelfuse.com

Part number (P/N) supersession data. This CID supersedes 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)	MFR's CAGE 75915	CID dash number (see table I)	MFR's CAGE 75915	CID dash number (see table I)	MFR's CAGE 75915
AA59705/01-	MFR's P/N <u>1/</u>	AA59705/01-	MFR's P/N <u>1/</u>	AA59705/01-	MFR's P/N <u>1/</u>
001	N/A	024	N/A	046	FLNR 50 ID
002	N/A	025	N/A	047	FLNR 60 ID
003	N/A	026	N/A	048	FLNR 70 ID
004	N/A	027	N/A	049	FLNR 75 ID
005	N/A	028	N/A	050	FLNR 80 ID
006	N/A	029	N/A	051	FLNR 90 ID
007	N/A	030	N/A	052	FLNR 100 ID
008	N/A	031	N/A	053	FLNR 110 ID
009	N/A	032	N/A	054	FLNR 125 ID
010	N/A	033	N/A	055	FLNR 150 ID
011	N/A	034	N/A	056	FLNR 175 ID
012	N/A	035	N/A	057	FLNR 200 ID
013	N/A	036	N/A	058	FLNR 225 ID
014	N/A	037	N/A	059	FLNR 250 ID
015	N/A	038	N/A	060	FLNR 300 ID
016	N/A	039	N/A	061	FLNR 350 ID
017	N/A	040	N/A	062	FLNR 400 ID
018	N/A	041	N/A	063	FLNR 450 ID
019	N/A	042	N/A	064	FLNR 500 ID
021	N/A	043	FLNR 35 ID	065	FLNR 600 ID
022	N/A	044	FLNR 40 ID		
023	N/A	045	FLNR 45 ID		

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.

A-A-59705/1

MILITARY INTERESTS:

Custodians:
Navy - EC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA-CC

Project 5920-0733-01