

INCH-POUND

MIL-PRF-15160/7G

6 November 2014

SUPERSEDING

MIL-PRF-15160/7F

15 October 2008

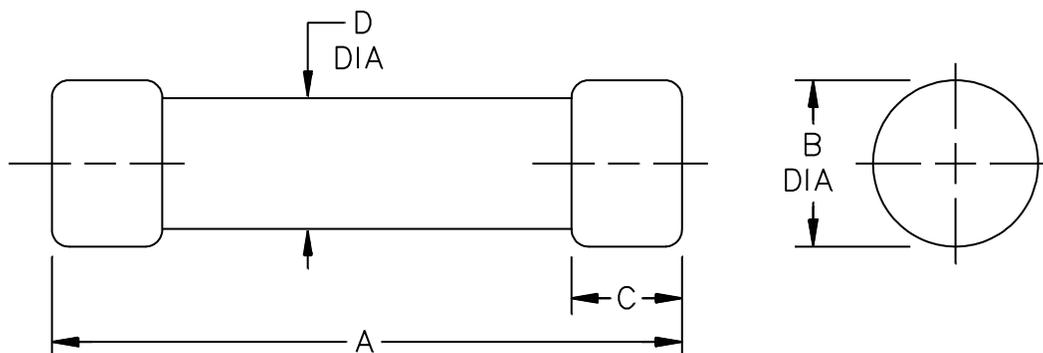
PERFORMANCE SPECIFICATION SHEET

FUSES, INSTRUMENT, POWER, AND TELEPHONE
(NONINDICATING), STYLE F07

INACTIVE FOR NEW DESIGN
AFTER 30 JANUARY 1970

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and [MIL-PRF-15160](#).



Ltr	Inches		mm	
	Min	Max	Min	Max
A	1.469	1.531	37.31	38.89
B	.402	.410	10.21	10.41
C	.370	.408	9.40	10.36
D	---	.373	---	9.47

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.

FIGURE 1. Style F07 fuse.

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REQUIREMENTS:

Interface and physical dimensions: See [figure 1](#).

Physical:

Terminals: Ferrule type.

Material: Brass, copper, bronze, or copper alloy.

Finish: Nickel, or silver plated when specified.

Strength: [Method 211 of MIL-STD-202](#), test condition E, 10 inch-pound torque between ferrules and fuse body.

Body: Glass tube.

Electrical:

Current rating: See [table I](#).

Voltage rating: See [table I](#).

Characteristic: See [table I](#).

Overload interrupt:

Characteristic A: Maximum 1 hour at 135 percent of rated current.

Characteristic B: Maximum 1 hour at 135 percent of rated current, and minimum of 12 seconds at 200 percent.

Short circuit interrupt: Minimum of 10,000 amperes at rated voltage.

Type designation: Type designation shall be as specified in [table I](#).

VERIFICATION:

Qualification inspection is not applicable to this specification sheet and shall be replaced by acceptance testing consisting of Group A and Group B inspections per [MIL-PRF-15160](#), prior to delivery.

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TABLE I. Type designation. ^{1/}

Style	Characteristic	Maximum voltage	Current rating amperes
F07	A	250V	1A
F07	A	250V	2A
F07	A	250V	3A
F07	A	32V	5A
F07	A	32V	10A
F07	A	32V	15A
F07	A	32V	20A
F07	A	32V	30A
F07	B	125V	1A
F07	B	125V	2A
F07	B	125V	3A
F07	B	32V	5A
F07	B	32V	10A
F07	B	32V	15A
F07	B	32V	20A
F07	B	32V	30A

^{1/} For silver plated terminals, the designator "S" is added after the current rating.

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Cross-reference: For applicable cross-reference see table II. The existing stocks of superseded items may be used. When exhausted, the superseding parts shall be used (see 6.5 of [MIL-PRF-15160](#)).

TABLE II. Cross-reference.

Superseding number	Superseded numbers for CAGE	
	81349	96906
F07A250V1A <u>1/</u>	F07G1R00A <u>1/</u>	N/A
F07A250V2A	F07G2R00A	N/A
F07A250V3A	F07G3R00A	N/A
F07A32V5A	F07G5R00A	MS90083-1 <u>2/</u>
F07A32V10A	F07G10R0A	MS90083-2
F07A32V15A	F07G15R0A	MS90083-3
F07A32V20A	F07G20R0A	MS90083-4
F07A32V30A	F07G30R0A	MS90083-5
F07B125V1A	N/A	N/A
F07B125V2A	N/A	N/A
F07B125V3A	N/A	N/A
F07B32V5A	N/A	MS90083-10
F07B32V10A	N/A	MS90083-11
F07B32V15A	N/A	MS90083-12
F07B32V20A	N/A	MS90083-13
F07B32V30A	N/A	MS90083-14

1/ A letter S following the part number signifies silver plated terminals.

2/ A second dash number (-1) signifies silver plating.

Referenced documents. In addition to [MIL-PRF-15160](#), this document references the following:

[MIL-STD-202](#)

The margins of this specification sheet are marked with vertical lines 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.

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Custodians:

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

Preparing activity:

DLA - CC

(Project 5920-2014-016)

Review activities:

Army - AT, CR4, MI
Navy - AS, CG, EC, MC
Air Force - 19, 99

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>.