

INCH-POUND

MIL-PRF-15160/6E
w/AMENDMENT 1
4 September 2015
SUPERSEDING
MIL-PRF-15160/6E
12 October 2011

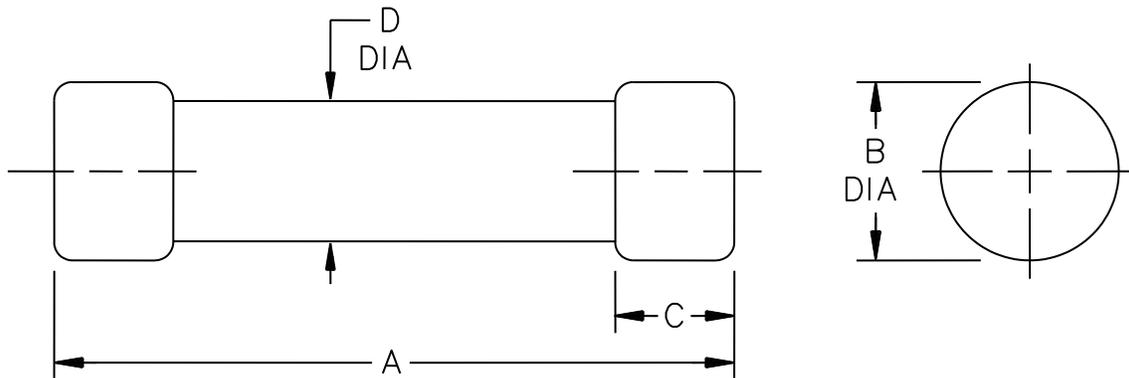
PERFORMANCE SPECIFICATION SHEET

FUSES; INSTRUMENT, POWER, AND TELEPHONE
(NONINDICATING), STYLE F06

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 | 1.219 | 1.281 | 30.96 | 32.54 |
| B | .277 | .285 | 7.24 | 7.36 |
| C | .340 | --- | 8.64 | --- |
| D | --- | .256 | --- | 6.50 |

NOTES:

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

FIGURE 1. Style F06 fuse.



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REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Case: Plastic or ceramic tube

Ferrule: Brass, copper, or copper alloy.

Finish: Nickel, bright alloy plate, or silver when specified.

Terminal strength: [Method 211 of MIL-STD-202](#), test condition E, 2 inch-pound torque between ferrules and fuse body.

Electrical:

Current rating: See table I.

Voltage rating: See table I.

Characteristic: See table I.

Overload interrupt: Maximum 1 hour at 135 percent of rated current.

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

Type designation: Type designation shall be as specified in table I.

TABLE I. Type designation. 1/

| Style | Characteristic | Voltage | Current |
|-------|----------------|---------|---------|
| F06 | A | 250 V | 1 A |
| F06 | A | 250 V | 2 A |
| F06 | A | 250 V | 3 A |
| F06 | A | 250 V | 5 A |
| F06 | A | 250 V | 10 A |
| F06 | A | 250 V | 15 A |

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

VERIFICATION:

Qualification inspection: First article in accordance with table III of [MIL-PRF-15160](#) for 1, 2, and 3 ampere current ratings only.

Conformance inspection: Group A and B inspections of [MIL-PRF-15160](#) for 1, 2, and 3 ampere current ratings only.

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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.

TABLE II. Cross reference.

| Superseding number | Superseded numbers | | | | | |
|----------------------|---------------------|---------------------|-------|--------|--------|-------|
| | 81349 | 96906 | 71400 | 75915 | 75915 | 98997 |
| F06A250V1A <u>1/</u> | F06G1R00A <u>1/</u> | MS90082-1 <u>2/</u> | ABS1 | 494001 | 414001 | 4AB1 |
| F06A250V2A | R06G2R00A | MS90082-2 | ABS2 | 494002 | 414002 | 4AB2 |
| F06A250V3A | R06G3R00A | MS90082-3 | ABS3 | 494003 | 414003 | 4AB3 |
| F06A250V5A | R06G5R00A | MS90082-4 | ABS5 | 494005 | 414005 | 4AB5 |
| F06A250V10A | F06G10R00A | MS90082-5 | ABS10 | 494010 | 414010 | 4AB10 |
| F06A250V15A | F06G15R00A | MS90082-6 | ABS15 | 494015 | 414015 | 4AB15 |

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

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 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.

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

Preparing activity:
DLA - CC

(Project 5920-2015-036)

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>.