

INCH-POUND

MIL-PRF-15160/7D

1 April 1998

SUPERSEDING

MIL-PRF-15160/7C

6 January 1976

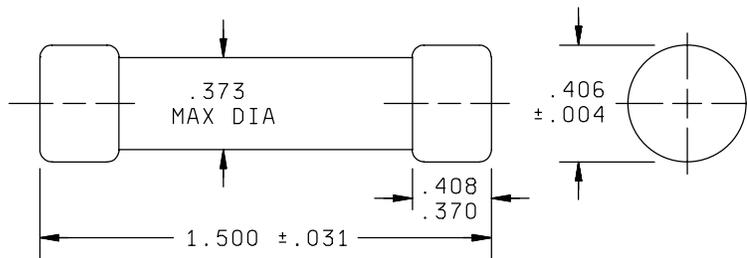
PERFORMANCE SPECIFICATION SHEET

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 and MIL-PRF-15160.



| Inches | mm    |
|--------|-------|
| .004   | 0.10  |
| .031   | 0.79  |
| .373   | 9.47  |
| .406   | 10.31 |
| .408   | 10.36 |
| 1.500  | 38.10 |

NOTES:

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

FIGURE 1. Style F07 fuse.

MIL-PRF-15160/7D

REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Physical:

Terminals: Ferrule type.

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

Finish: Nickel or bright alloy plate, 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.

TABLE I. Type designation. 1/

| Style | Characteristic | Maximum voltage | Current rating<br>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.

MIL-PRF-15160/7D

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).

TABLE IV. 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.

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

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

Preparing activity:  
 DLA - CC  
 (Project 5920-0520)

Review activities:  
 Army - AR, AT, CR4, MI  
 Navy - AS, CG, EC, MC  
 Air Force - 17, 19, 99