

INCH-POUND

MIL-PRF-15160/50B

12 October 1999

SUPERSEDING

MIL-PRF-15160/50A

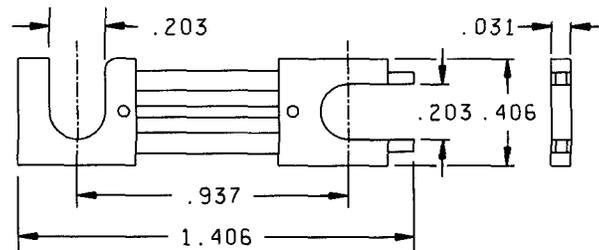
29 October 1990

PERFORMANCE SPECIFICATION SHEET

FUSES: INSTRUMENT, POWER, AND TELEPHONE (NONINDICATING), STYLE F50

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.



ALL TOLERANCES $\pm .016$

Inches	mm
0.016	0.41
0.031	0.79
0.203	5.16
0.406	10.31
0.937	23.80
1.406	35.71

NOTES:

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

FIGURE 1. Style F50, characteristic A.

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REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Body: Plastic sheet.

Terminal: Copper.

Finish: Natural or tin plated.

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.

Current carrying capacity: 100 percent normal rating.

Characteristic: See table I.

Overload interrupt:

Characteristic A within 1 hour at 135 percent of rated current.

Characteristic A within 60 seconds at 200 percent of rated current.

Short circuit interrupt 20 amperes at 90 volts dc.

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

TABLE I Type designations and electrical rating.

Style	Characteristic	Maximum voltage	Current rating
F50	A	90V	1/2A
F50	A	90V	1 1/3A
F50	A	90V	2A

VERIFICATION:

Qualification inspections: The number of qualification samples required shall be:

- a. 24 samples maximum current rating of each voltage and design.
- b. 24 samples minimum current rating of each voltage and design.

NOTE: If labels are used, five additional samples of any rating are required.

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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 - 11
DLA - CC

Preparing activity:

DLA - CC

(Project 5920-0607-10)

Review activities:

Army - AR, AT, CR4, MI
Navy - AS, CG, MC, OS, YD2
Air Force - 19, 99