

INCH-POUND

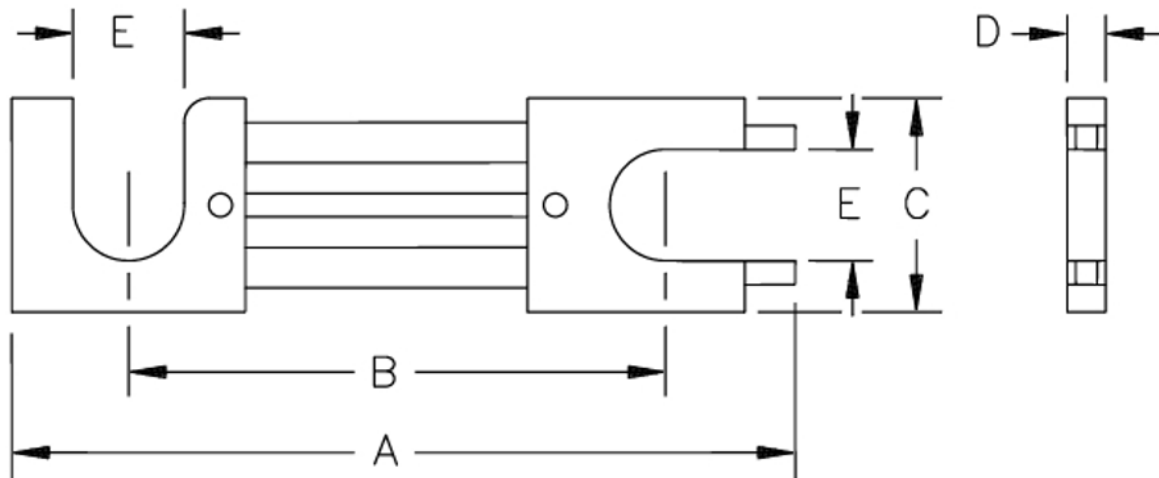
MIL-PRF-15160/50D
w/AMENDMENT 2
21 September 2026
SUPERSEDING
MIL-PRF-15160/50D
w/AMENDMENT 1
21 March 2017

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 sheet and [MIL-PRF-15160](#).



Ltr	Inches		mm	
	Min	Max	Min	Max
A	1.390	1.422	35.31	36.12
B	.921	.953	23.39	24.21
C	.390	.422	9.91	10.72
D	.015	.047	0.38	1.19
E	.187	.219	4.75	5.56

NOTES:

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

FIGURE 1. Style F50, characteristic A.



MIL-PRF-15160/50D
w/AMENDMENT 2

REQUIREMENTS:

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

Body: Plastic sheet.

Terminal: Copper.

Finish: Natural or tin plated.

Terminal strength: [MIL-STD-202-211](#), 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.

Part or Identifying Number (PIN): The PIN shall be constructed from table I (e.g., F50A90V1/2A).

TABLE I. Part or Identifying Number.

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

VERIFICATION:

Qualification inspection is not applicable for this specification sheet and is replaced by acceptance testing which shall consist of group A and group B inspection of [MIL-PRF-15160](#).

MIL-PRF-15160/50D
w/AMENDMENT 2

Referenced documents. In addition to [MIL-PRF-15160](#), this document references the following:
[MIL-STD-202-211](#)

Amendment notations. The margins of this specification sheet are marked with vertical line to indicate modifications generated by this amendment. 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.

CONCLUDING MATERIAL

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

Preparing activity:
DLA - CC

Review activities:
Army - AT, CR4, MI
Navy - AS, CG, MC, YD
Air Force - 19

(Project 5920-2026-014)

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 ASSIST at <https://assist.dla.mil>