

INCH-POUND

MIL-PRF-15160/77C

2 November 2011

SUPERSEDING

MIL-PRF-15160/77B

17 August 2006

PERFORMANCE SPECIFICATION SHEET

FUSES, (INDICATING), STYLE F77A

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](#).

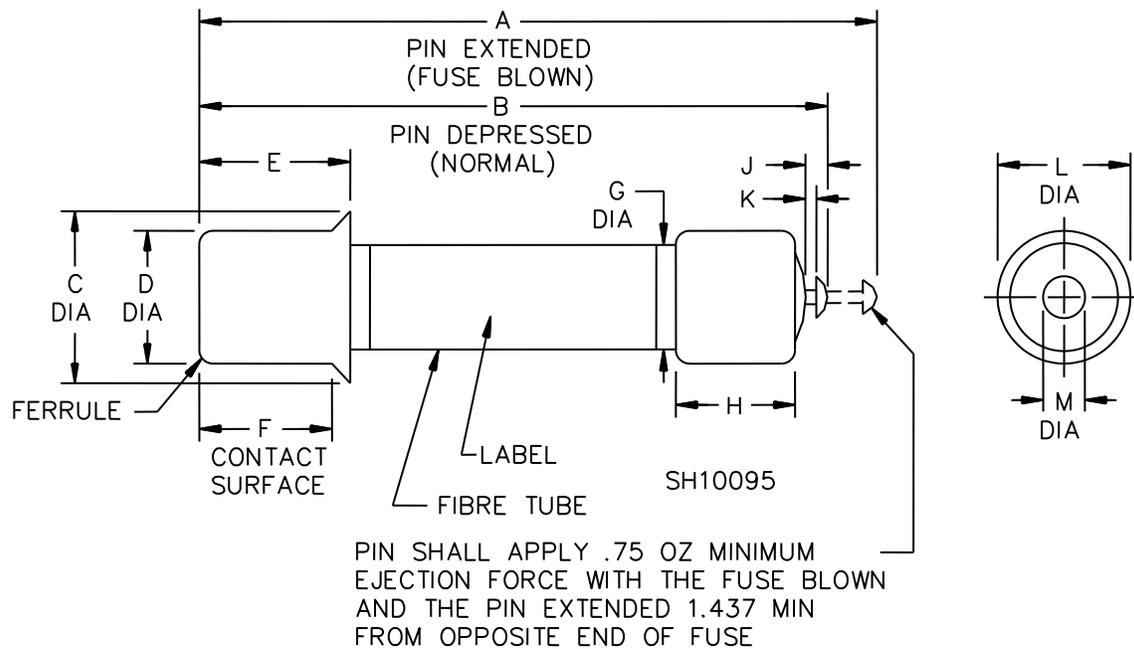


FIGURE 1. Style F77A fuses.

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Ltr	Inches		mm	
	Min	Max	Min	Max
A	1.437	---	36.50	---
B	1.234	1.296	31.34	32.92
C	.290	.310	7.37	7.87
D	.246	.254	6.25	6.46
E	.345	.355	8.76	9.02
F	.285	.315	7.24	8.00
G	---	.230	---	5.84
H	.246	.254	6.25	6.46
J	---	.078	---	1.98
K	---	.031	---	0.79
L	.246	.254	6.25	6.46
M	.120	.130	3.05	3.30

NOTES:

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

FIGURE 1. Style F77A fuses - Continued.

REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Terminal and indicating pin: Brass.

Case: Fiber tube.

Terminal: Ferrule type.

Terminal strength: 10 inch-ounce torque between ferrules and fuse body and fuse body.

Electrical:

Current rating: See table I.

Voltage rating: 125 volts, maximum.

Characteristic: Characteristic A.

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

Short circuit alternating current interrupt: Minimum 1,000 amperes at 125 volts.

Finish:

Terminal: Bright alloy plate.

Indicating pin: Silver plated.

Part or Identifying Number (PIN): The PIN shall be constructed from table I (e.g., F77A125V1A).

TABLE I. Type designation and electrical rating.

Style	Characteristic	Maximum voltage	Current
F77	A	125V	1A
F77	A	125V	2A
F77	A	125V	3A
F77	A	125V	5A
F77	A	125V	8A
F77	A	125V	10A
F77	A	125V	12A
F77	A	125V	15A

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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](#).

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:

Navy - SH
Air Force - 85
DLA - CC

Preparing activity:

DLA - CC

(Project 5920-2011-065)

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.daps.dla.mil>.