

NOTE: The document identifier and heading has been changed on this page to reflect that this is a performance specification. There are no other changes to this document. The document identifier on subsequent pages has not been changed, but will be changed the next time this document is revised.

MIL-PRF-15160/37
1 February 1961

PERFORMANCE SPECIFICATION SHEET

FUSES, STYLE F37

This specification is approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force.

1. SCOPE

1.1 This specification covers the detailed requirements for fuses style F37.

2. APPLICABLE DOCUMENTS

2.1 The following documents of the issue in effect on date of invitation for bids, form a part of this specification to the extent specified herein:

SPECIFICATION

MILITARY

MIL-F-15160 - Fuses; Instrument, Power, and Telephone.

(Copies of specifications, standards, drawings, and publications required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

3. REQUIREMENTS

3.1 General requirements. Fuses shall be in accordance with Specification MIL-F-15160, and as specified herein. The electrical and physical requirements shall be as shown in figure 1 and in tables I, II and III.

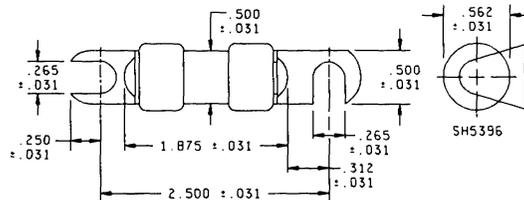


Figure 1. Dimension in inches for Style F37 fuse.

MIL-F-15160/37

TABLE I. *Physical requirements*

(Nonindicating fuse)	
Case material	Fibre
Lug material Terminal strength (Ferrules)	Brass 5-pound-inch torque

TABLE II. *Electrical requirements*

Voltage rating		125 volts, max.	
Overload blowing	Percent nominal rating	Normal blowing time	Time lag blowing time
	135 300	0-1 hour	0-1 hour 30 secs. min.
Short circuit	10,000 amperes at rated voltage dc		

TABLE III. *Style, characteristics, current and voltage ratings*

Type designation			
Style	Characteristic	Voltage	Current
F37	A	125V	20A
F37	A	125V	25A
F37	A	125V	30A
F37	B	125V	20A
F37	B	125V	25A
F37	B	125V	30A

Custodians:

Army—Signal Corps
Navy—SHIPS
Air Force—DAY

4. QUALITY ASSURANCE PROVISIONS

4.1 Sampling and inspection. Sampling and inspection shall be in accordance with Specification MIL-F-15160.

4.2 Qualification. Qualification specimens required:

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

5. PREPARATION FOR DELIVERY

5.1 Preparation for delivery shall be in accordance with Specification MIL-F-15160.

5.1.1 The standard unit package is 5 pieces.

6. NOTES

6.1 The notes specified in Specification MIL-F-15160 are applicable to this specification.

6.2 Ordering data required by 6.2 of Specification MIL-F-15160 shall be included in all procurement documents.

Notice. When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

Preparing activity:

Navy—Ships
(Project 5920-0063)