

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.

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 SUPERSEDING
 MIL-F-15160/27
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PERFORMANCE SPECIFICATION SHEET

FUSES, STYLE F27

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 F27.

2. APPLICABLE DOCUMENTS

2.1 The following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of the 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.

Table I - Physical requirements

(Nonindicating fuse)	
Case material	Fibre
Ferrules	Material: Brass Finish: Nickel or bright alloy or bright dipped. Silver plated when specified.
Terminal strength	2-pound-inch torque

Table II - Electrical requirements

Voltage rating	1,000 volts, maximum	
Characteristic	A, normal blowing	
Overload blowing	Percent nominal rating	Normal blowing time
	135	0-1 hour
Short circuit	5 amperes at 1,000 volts ac	
Current capacity	110%	1-1/2 hour max

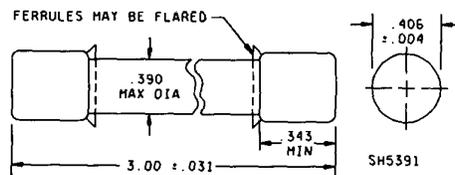


Figure 1. Dimension in inches for Style F27 fuse.

Table III - Style, characteristics, current and voltage ratings

Type designation			
Style	Characteristic	Voltage	Current
F27	A	1,000V	1/16A
F27	A	1,000V	1/8 A
F27	A	1,000V	1/4 A
F27	A	1,000V	3/8 A
F27	A	1,000V	1/2 A
F27	A	1,000V	3/4 A
F27	A	1,000V	1A
F27	A	1,000V	1-1/2A
F27	A	1,000V	2A

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.

Custodians:

Army - EL
 Navy - SHIPS
 Air Force - ASD

Preparing activity:

Navy - Ships
 (Project 5920-0185)