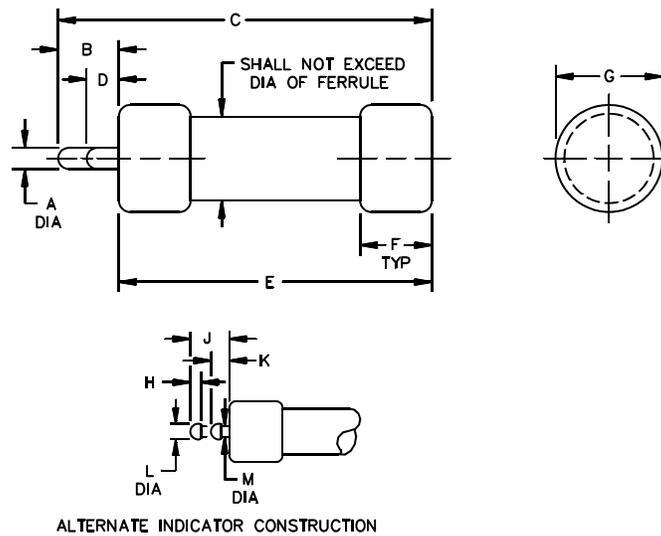


PERFORMANCE SPECIFICATION SHEET

FUSES, INSTRUMENT, POWER, AND TELEPHONE
(NONINDICATING), STYLE F10

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		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	.057	.067	1.45	1.70	G	.402	.415	10.21	10.54
B	.200	---	6.25	---	H	.045	.055	1.14	1.40
C	1.731	---	43.97	---	J	.200	---	5.08	---
D	---	.062	---	1.57	K	---	.062	---	1.57
E	1.469	1.531	37.31	38.89	L	.125	.135	3.18	3.43
F	---	.406	---	10.31	M	.057	.067	1.45	1.71

NOTES:

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

FIGURE 1. Style F10, characteristics A and B.

REQUIREMENTS:

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

Body: Fiber tube.

Ferrule: Brass, copper, or copper alloy.

Finish: Nickel, or silver plated when specified.

Contact:

Characteristic A – Red button or tip.

Characteristic B – Silver plated button or tip.

Spring – Phosphor bronze, or corrosion-resistant steel.

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](#).

Characteristic: See [table I](#).

Overload interrupt:

Characteristic A - Within 1 hour at 135 percent of rated current.

Characteristic B - Maximum within 1 hour at 135 percent of rated current, and a minimum of 12 seconds at 200 percent.

Short circuit ac interrupt: 1,000 amperes.

Type designation: Type designation shall be as specified in [table I](#).

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TABLE I Type designations and electrical rating. 1/

Style	Characteristic	Maximum voltage	Current rating
F10	A	250V	1A
F10	A	250V	2A
F10	A	250V	3A
F10	A	250V	4A
F10	A	250V	5A
F10	A	250V	6A
F10	A	250V	8A
F10	A	250V	10A
F10	A	250V	12A
F10	A	250V	15A
F10	A	125V	20A
F10	A	125V	25A
F10	A	125V	30A
F10	B	250V	1/10A
F10	B	125V	15/100A
F10	B	125V	2/10A
F10	B	125V	3/10A
F10	B	250V	4/10A
F10	B	250V	1/2A
F10	B	250V	6/10A
F10	B	250V	8/10A
F10	B	250V	1A
F10	B	250V	1 1/4A
F10	B	250V	2A
F10	B	250V	2 1/2A
F10	B	250V	3A
F10	B	250V	3 2/10A
F10	B	250V	4A
F10	B	250V	5A
F10	B	250V	5 6/10A
F10	B	250V	6 1/4A
F10	B	125V	7A
F10	B	125V	8A
F10	B	125V	10A

1/ For silver plated terminals, the designator "S" is added after the current rating.

VERIFICATION:

Qualification inspection is not applicable for 12A and 25A characteristic A fuses and all characteristic B fuses of this specification sheet (see table I) and shall be replaced by first article inspection consisting of Group A and Group B inspections of [MIL-PRF-15160](#), prior to delivery.

Qualification inspection (Characteristic A only): 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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Cross-reference: For applicable cross-reference see table II. The existing stocks of superseded items may be used. When exhausted, the superseding parts shall be used.

TABLE II. Cross reference.

Superseding number	Superseded numbers for CAGE		
	81349	96906	71400
F10A250V 1A <u>1/</u>	F10G1R00A <u>1/</u>	MS15453-1 <u>2/</u>	MIN 1
F10A250V 2A	F10G2R00A	MS15453-2	MIN 2
F10A250V 3A	F10G3R00A	MS15453-3	MIN 3
F10A250V 4A	F10G4R00A	MS15453-4	MIN 4
F10A250V 5A	F10G5R00A	MS15453-5	MIN 5
F10A250V 6A	F10G6R00A	MS15453-6	MIN 6
F10A250V 8A	F10G8R00A	MS15453-7	MIN 8
F10A250V 10A	F10G10R00A	MS15453-8	MIN 10
F10A250V 12A	F10G12R00A	MS15453-9	MIN 12
F10A250V 15A	F10D15R00A	MS15453-10	MIN 15
F10A125V 20A	F10D20R00A	MS15453-11	MIN 20
F10A125V 25A	F10D25R00A		MIN 25
F10A125V 30A	F10D30R00A		MIN 30
F10A250V 1/10A			FNJ 1/10
F10A250V 15/100A			FNJ 15/100
F10A250V 2/10A			FNJ 2/10
F10A250V 3/10A			FNJ 3/10
F10A250V 4/10A			FNJ 4/10
F10A250V 1/2A			FNJ 1/2
F10A250V 6/10A			FNJ 6/10
F10A250V 8/10A			FNJ 8/10
F10A250V 1A			FNJ 1
F10A250V 1 1/4A			FNJ 1 1/4
F10A250V 2A			FNJ 2
F10A250V 2 1/2A			FNJ 2 1/2
F10A250V 3A			FNJ 3
F10A250V 3 2/10A			FNJ 3 2/10
F10A250V 4A			FNJ 4
F10A250V 5A			FNJ 5
F10A250V 5 6/10A			FNJ 5 6/10
F10A250V 6 1/4A			FNJ 6 1/4
F10A250V 7A	F10G7R00A		FNJ 7
F10A250V 8A	F10G8R00A		FNJ 8
F10A250V 10A	F10G10RA0B		FNJ 10

1/ A letter "S" following the part number signifies silver plating.

2/ A second dash number (-1) signifies silver plating.

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

[MIL-STD-202](#)

The margins of this specification sheet 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:

Army - CR

Navy - SH

Air Force - 85

DLA - CC

Preparing activity:

DLA - CC

(Project 5920-2014-017)

Review activities:

Army - AT, CR4, MI

Navy - AS, CG, MC, OS

Air Force - 19, 99

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.dla.mil>.