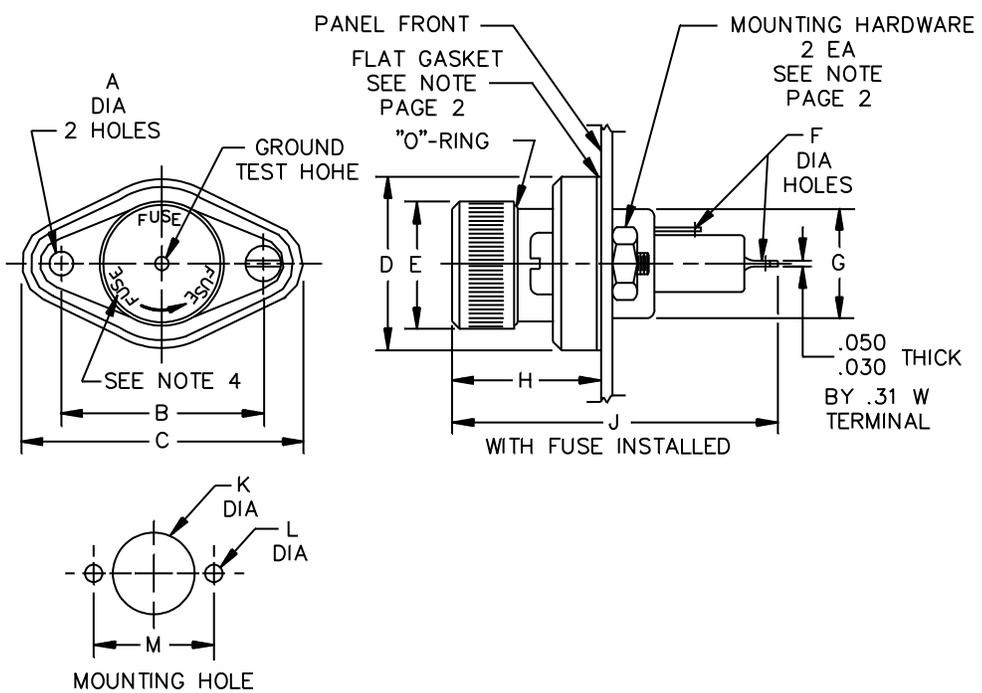


INCH-POUND  
MIL-PRF-19207/13J  
12 December 2013  
SUPERSEDING  
MIL-PRF-19207/13H  
24 April 2007

PERFORMANCE SPECIFICATION SHEET  
FUSEHOLDERS, EXTRACTOR POST TYPE, NONINDICATING,  
TYPE FHN23W

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-19207](#).



See notes on page 2.

FIGURE 1. Type FHN23W fuseholder.

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Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	.175	.185	4.45	4.70	G	.845	.865	21.46	21.97
B	1.307	1.317	33.20	33.45	H	.860	.900	21.84	22.86
C	1.760	1.800	44.70	45.72	J	---	2.680	---	68.07
D	1.180	1.220	29.97	30.99	K	.870	.910	22.10	23.11
E	1.010	1.050	25.65	26.67	L	.185	.195	4.70	4.95
F	.110	.120	2.79	3.05	M	1.307	1.317	33.20	33.45

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are  $\pm 0.02$  (0.5 mm) for two-place decimals and  $\pm 0.005$  (0.13 mm) for three-place decimals.
4. Marking on fuseholder cap shall be raised lettering (3 places).

FIGURE 1. Type FHN23W fuseholder - continued.

REQUIREMENTS:

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

Cap and body molding material: Cap and body molding materials shall be selected to enable the fuseholder to meet the performance requirements of this specification. Additional information and guidance on body molding material are specified in the notes.

Fuse accommodation:

Ferrule type:

Size: 0.406 inch (10.31 mm) diameter, 1.500 inches (38.10 mm) length.

Style: F09: [MIL-PRF-15160/9](#), F60: [MIL-PRF-15160/60](#).

(or equivalent size and style)

Poles: One.

Rating: 30 amperes, 500 volts maximum.

Panel thickness: 0.187 inch (4.75 mm) maximum.

Lamp series resistor: None.

Terminals: Solder lug type.

Enclosure: Watertight.

Test fuses:

Temperature rise: F09A250V30A of [MIL-PRF-15160/9](#).

Short circuit: F60C500V30A of [MIL-PRF-15160/60](#).

Mechanical shock: Method II of [MIL-PRF-19207](#).

Terminal strength: 5 pounds.

Torque:

Cap insert: 15 pounds-inch.

Salt spray (corrosion): Test condition B.

Endurance: 300 operations.

Mounting hardware:

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Screw: Self-sealing panhead, slotted, stainless steel 8-32NC-2A, .625 inch (15.88 mm) long.

Nut: Hexagonal, .125 inch (3.18 mm) thick stainless steel.

Part or Identifying Number (PIN): FHN23W.

NOTES:

Cap and body molding material: It is recommended that types MAI-60, GDI-30F or SDG-F of American Society for Testing and Materials [ASTM-D5948](#) be considered for meeting the cap and body molding material requirements of this specification.

Mounting hardware and gasket: The mounting hardware and gasket shall be supplied loose in a plastic bag.

Referenced documents. In addition to [MIL-PRF-19207](#), this document references the following:

[MIL-PRF-15160/9](#)      [MIL-PRF-15160/60](#)      [ASTM-D5948](#)

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.

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Review activities:

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