

INCH-POUND

MIL-PRF-19207/10F
12 December 2013
SUPERSEDING
MIL-PRF-19207/10E
24 April 2007

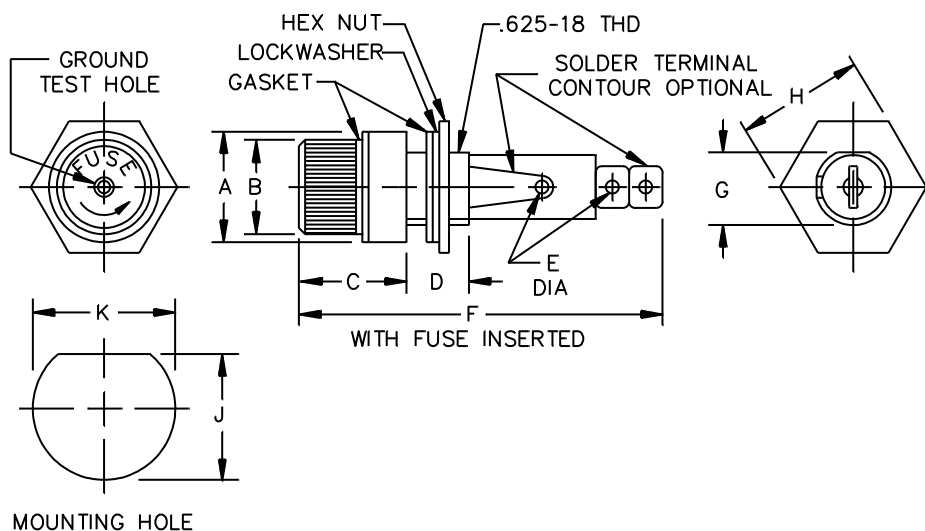
PERFORMANCE SPECIFICATION SHEET

FUSEHOLDERS, EXTRACTOR POST TYPE, NONINDICATING, TYPES FHN19G AND FHN19W

Inactive for new design after 10 May 1974

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](#).

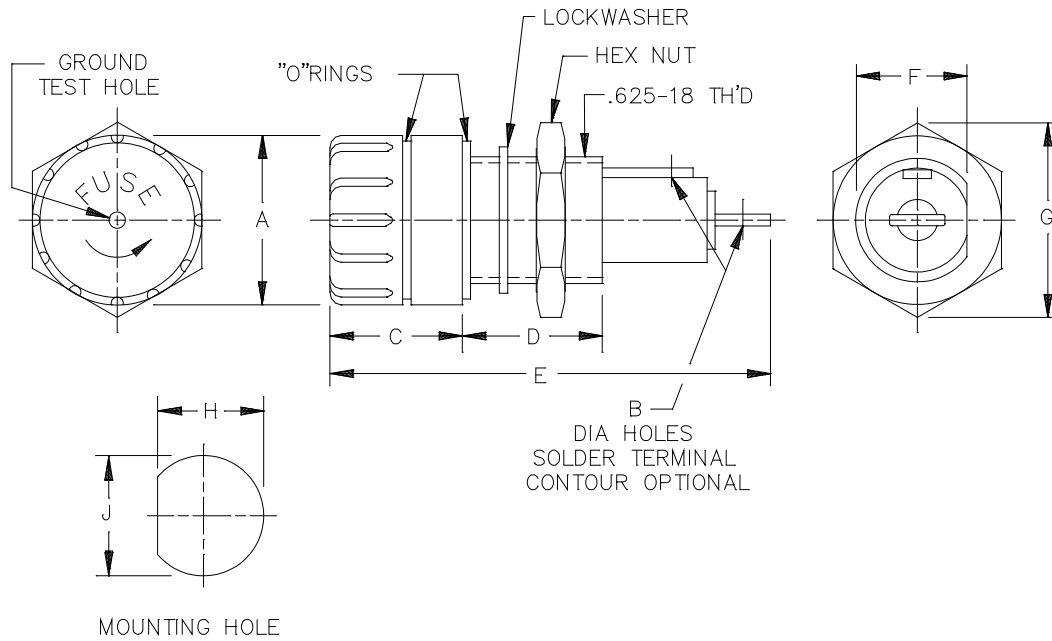


Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	.730	.770	18.54	19.56	F	---	2.500	---	63.50
B	.670	.710	17.02	18.03	G	.560	.569	14.22	14.45
C	.710	.750	18.03	19.05	H	.790	.830	20.07	21.08
D	.480	.520	12.19	13.21	J	.570	.575	14.47	14.61
E	.100	---	2.54	---	K	.625	.635	15.88	16.13

See notes on page 2.

FIGURE 1. Type FHN19G.

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Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	.932	.957	23.67	24.31	F	.558	.567	14.17	14.40
B	.100	.140	2.54	3.56	G	.920	.960	23.37	24.38
C	.790	.830	20.07	21.08	H	.570	.575	14.48	14.61
D	.420	.460	11.08	11.68	J	.625	.635	15.88	16.13
E	2.140	2.180	54.36	55.37					

NOTES:

1. Dimensions are in inches.
2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based on 1 inch = 25.4 mm.
3. Unless otherwise specified, tolerances are ± 0.02 for two-place decimals and ± 0.005 for three-place decimals.
4. It is suggested that type 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. [ASTM-D3935](#) is also suggested as guidance for cap material.
5. Gaskets and O-rings: It is suggested that gaskets and o-rings that meet class 3 of [A-A-59588](#) be considered for use.

FIGURE 2. Type FHN19W.

REQUIREMENTS:

Interface and physical dimensions: See figures 1 and 2.

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: .281 inch diameter, 1.250 inch length.

Style: F06: MIL-PRF-15160/6.

(or equivalent size and style)

Poles: One.

Rating: 15 amperes, 250 volts maximum.

Panel thickness: .187 inch maximum.

Gaskets and o-rings shall be used that enable the fuseholder to meet the performance requirements of this specification. Additional information and guidance on gaskets and o-rings are specified in the notes.

Nonindicating:

Lamp series resistor: None.

Terminals: Solder lug type.

Enclosure:

FHN19G: Dripproof.

FHN19W: Watertight.

Test fuses:

Temperature rise: F06A250V15A of MIL-PRF-15160/6.

Short circuit: F06A250V15A of MIL-PRF-15160/6. Short circuit test shall be made at 10,000 amperes, 125 volts, 60 Hz and 200 amperes, 250 volts, 60 Hz.

Mechanical shock: Method II of MIL-PRF-19207.

Terminal strength: 5 pounds.

Torque: Mounting - 30 inch-pounds.

Cap insert (FHN19W only) - 15 inch-pounds.

Salt spray (corrosion): Test condition B.

Part or Identifying Number (PIN): FHN19G or FHN19W depending on type.

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

[MIL-PRF-15160/6](#) [A-A-59588](#) [ASTM-D3935](#) [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.

Custodians:

Army - CR
Navy - SH
Air force - 85
DLA - CC

Preparing Activity:

DLA - CC
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Review activities:

Army - AR, CE, MI
Navy - AS, EC, MC
Air Force - 19

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