

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 fuseholders described herein shall consist of this document and MIL-PRF-19207.

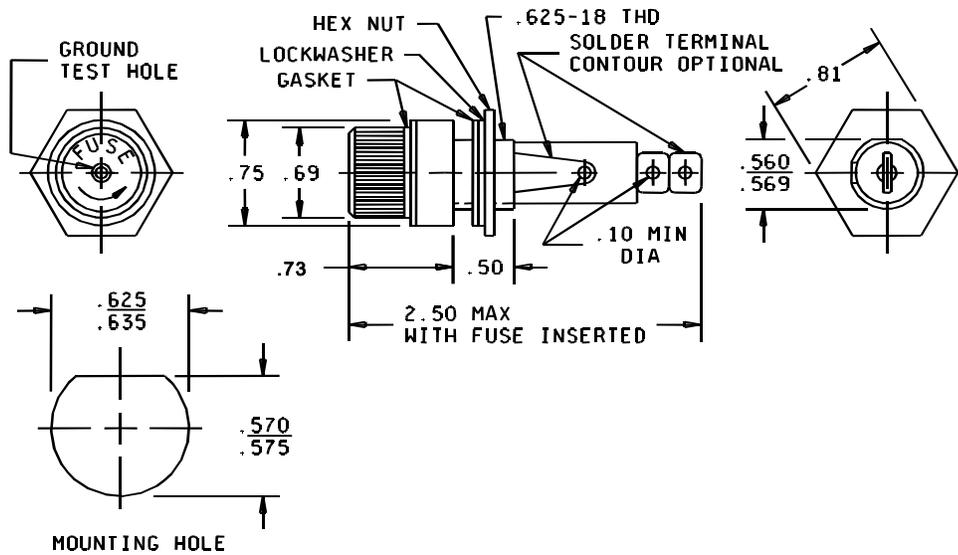
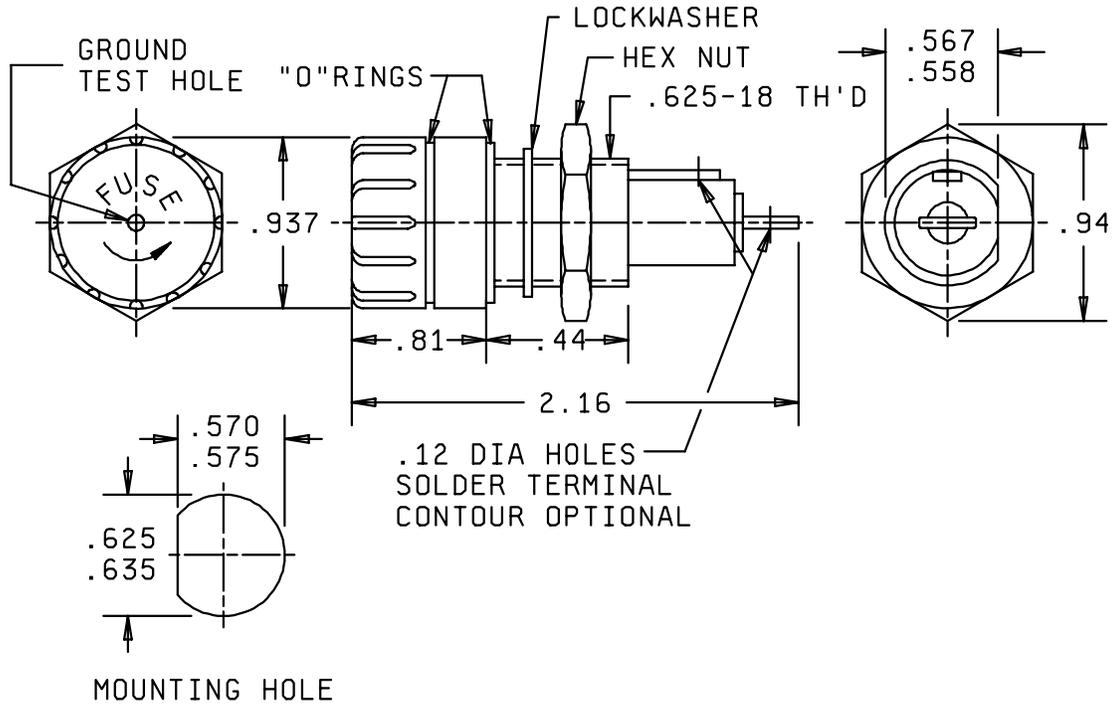


FIGURE 1. Type FHN19G.

Inches	mm	Inches	mm	Inches	mm
.10	2.54	.570	14.48	.73	18.54
.50	12.70	.575	14.61	.75	19.05
.560	14.22	.625	15.88	.81	20.57
.569	14.45	.635	16.13	2.50	63.50
		.69	17.53		



<u>Inches</u>	<u>mm</u>	<u>Inches</u>	<u>mm</u>	<u>Inches</u>	<u>mm</u>
.12	3.05	.570	14.48	.81	20.57
.44	11.18	.575	14.61	.936	23.80
.558	14.17	.625	15.88	.94	23.88
.567	14.40	.635	16.13	2.16	54.86

FIGURE 2. Type FHN19W.

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 $\pm .02$ for two-place decimals and $\pm .005$ 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.

MIL-PRF-19207/10D

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: MIL-PRF-15160, F06.

(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-15160/06.

Short circuit: F06A250V15A of MIL-PRF-15160/06. 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.

Marginal notations are not used in this version to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

Army - CR
Navy - SH
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 5920-0666)

Review activities:

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