

INCH-POUND

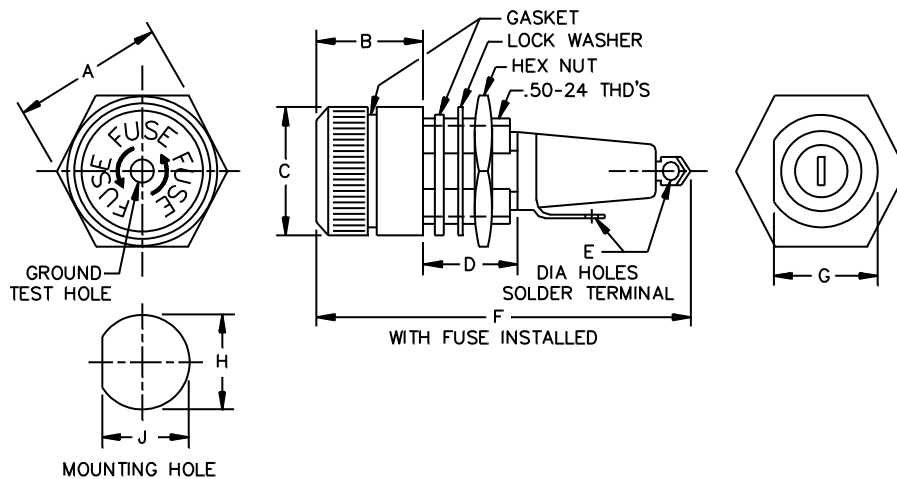
MIL-PRF-19207/20F
w/AMENDMENT 1
21 May 2019
SUPERSEDING
MIL-PRF-19207/20F
9 January 2014

PERFORMANCE SPECIFICATION SHEET

FUSEHOLDERS, EXTRACTOR POST TYPE, NONINDICATING,
TYPES FHN31G1 AND FHN31G2

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	.670	.710	17.02	18.03	F	---	2.340	---	59.44
B	.650 (REF)		16.51 (REF)		G	.455	.465	11.56	11.81
C	.680	.690	17.27	17.53	H	.500	.510		
D	.450	.490	11.43	12.47	J	.468	.478		
E	.112	.118	2.84	3.00					

NOTES:

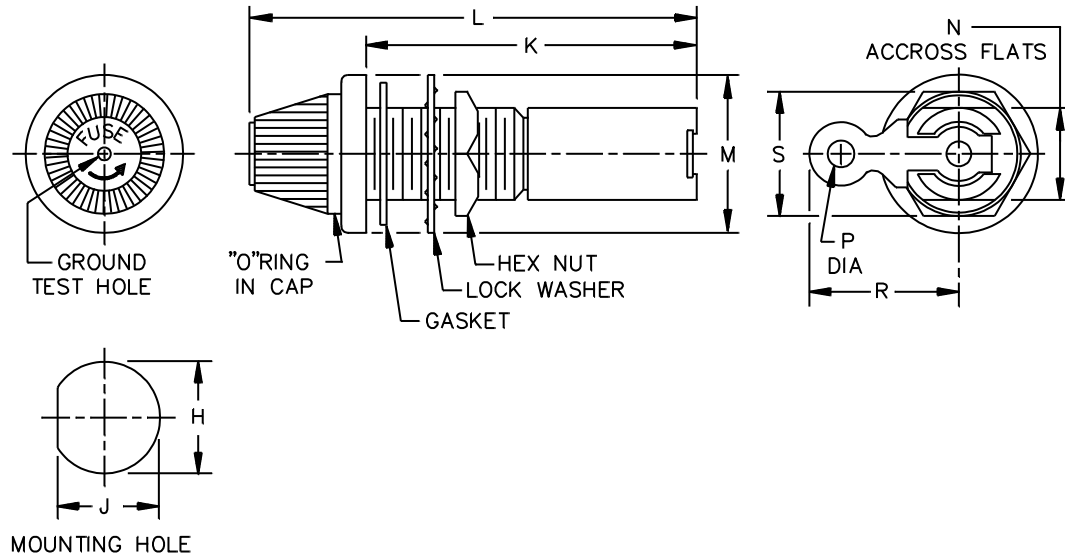
1. Dimensions are in inches.
2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
3. Unless otherwise specified, tolerances are $\pm .02$ (0.51 mm) for two-place decimals and $\pm .005$ (0.13 mm) for three-place decimals.
4. Formerly type FHN31G.

FIGURE 1. Type FHN31G1. 1/

1/ PIN: FHN31G1 is no longer manufactured and is canceled without replacement.



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Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
H	.500	.510	12.70	12.95	N	.442	.450	11.23	11.43
J	.468	.478	11.89	12.14	P	.100	---	2.54	---
K	.166	.176	4.22	4.47	R	.589	.599	14.97	15.21
L	2.22	2.26	56.39	57.40	S	.603	.693	15.32	17.60
M	.714	.724	18.14	18.39					

NOTES:

1. Dimensions are in inches.
2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
3. Unless otherwise specified, tolerances are ± 0.02 (0.51 mm) for two-place decimals and ± 0.005 (0.13 mm) for three-place decimals.
4. Formerly type FHN31G.

FIGURE 2. Type FHN31G2.

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REQUIREMENTS:

Interface and physical dimensions: See figures 1 and 2.

Cap and body molding material: 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.

Gaskets and O-rings: It is suggested that gaskets and O-rings that meet class 3 of [A-A-59588](#) be considered for use.

Fuse accommodation:

Ferrule type:

Size: .250 inch diameter, 1.00 inch length.

Style: F01: [MIL-PRF-15160/1](#).

(or equivalent size and style)

Poles: One.

Rating: 5 amperes, 250 volts maximum.

Panel thickness: .187 inch maximum.

Nonindicating:

Lamp and series resistor: None.

Terminals: Solder lug type.

Enclosure: Dripproof.

Test fuses:

Temperature rise: F01A125V2A of [MIL-PRF-15160/1](#).

Short circuit: F01A125V2A of [MIL-PRF-15160/1](#).

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

Terminal strength: 5 pounds.

Torque:

Mounting: 20 inch-pounds.

Cap insert (FHN31G2 only): 15 inch-pounds.

Salt spray (corrosion): Test condition B.

| Part or Identifying Number (PIN): FHN31G2.

| Qualification inspection is not applicable for PIN FHN31G2 and shall be replaced by first article inspection per table I of [MIL-PRF-19207](#).

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

[MIL-PRF-15160/1](#) [A-A-59588](#) [ASTM-D3935](#) [ASTM-D5948](#)

Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. 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

Custodians:

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

Preparing Activity:

DLA - CC

(Project 5920-2019-004)

Review Activities:

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

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>.