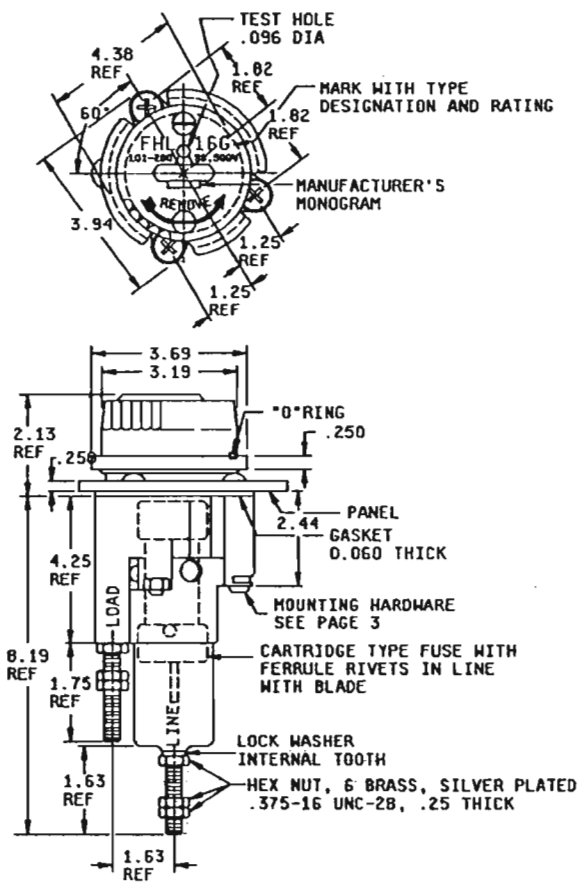


PERFORMANCE SPECIFICATION SHEET

FUSEHOLDERS, EXTRACTOR POST TYPE,
BLOWN FUSE INDICATING, TYPE FHL16G

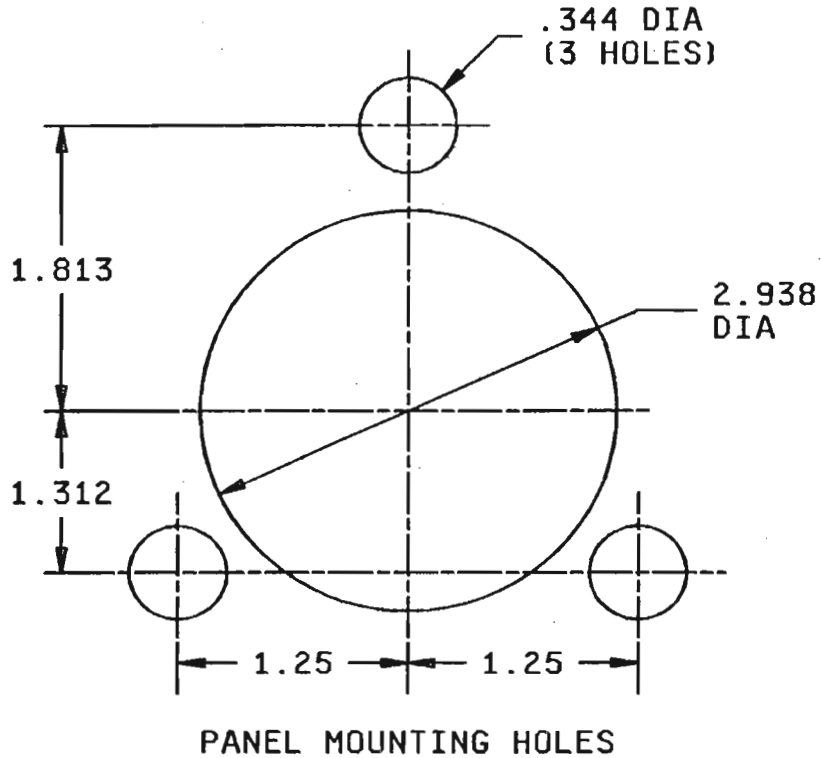
This specification is approved for use by all Departments and Agencies of the Department of Defense

The requirements for acquiring the product described herein shall consist of this specification and MIL-PRF-19207.



See notes on other page.

FIGURE 1. Type FHL16G fuseholder.



Inches	mm	Inches	mm	Inches	mm	Inches	mm
.060	1.52	1.25	31.8	2.13	54.10	3.94	100.1
.096	2.44	1.312	33.338	2.44	62.0	4.25	108.0
.250	6.35	1.63	41.40	2.938	74.63	4.38	111.25
.3125	7.938	1.75	44.5	3.00	76.2	8.19	208.0
.344	8.74	1.813	46.05	3.19	81.0		
.375	9.53	1.82	46.23	3.69	93.7		

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are $\pm .005$ (0.13 mm) for three placed decimals and $\pm .02$ (0.51 mm) for two place decimals.
3. Metric equivalents are given for general information only.
4. 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.

FIGURE 1. Type FHL16G 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: MIL-PRF-15160, styles F20 and F64 (or equivalent size and styles).

Poles: One

Rating: 101-200 amperes, 90-500 volts.

Panel thickness: 0.250 inch (6.35 mm) maximum.

Indicating: Neon lamp with clear cap.

Lamp series resistor: MIL-PRF-39017/2, two resistors, 160,000 ohms, 0.5 watt.

One each lamp lead.

Terminals: Stud type, .375-16UNC-2A thread.

Enclosure: Dripproof.

Test fuses:

Temperature rise: F64C500V200A of MIL-PRF-15160/64.

Short circuit: F64C500V200A of MIL-PRF-15160/64.

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

Terminal strength: 20 pounds.

Fuse clip retention force:

Lower clip: 5 to 7 pounds.

Cap clip: 13 to 15 pounds.

Salt atmosphere (corrosion): Test condition B.

Mounting hardware:

Screw: .3125-18UNC-2A, trusshead, 3 inches long (min) with sealing washer.

Nut: .3125-18UNC-2B Hex. A threaded metal insert may be used in lieu of nut.

Part or Identifying Number (PIN): FHL16G-001.

MIL-PRF-192077M

Referenced documents. In addition to MIL-PRF-19207, this document references the following:

MIL-PRF-15160 MIL-PRF-15160/64 MIL-PRF-39017/2

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 - 11
DLA - CC

Preparing Activity:

DLA - CC

(Project 5920-2006-031)

Review Activities:

Army - AR, AT, CR4, MI
Navy - AS, EC, MC, OS
Air Force - 70, 71, 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 <http://assist.daps.dla.mil>.