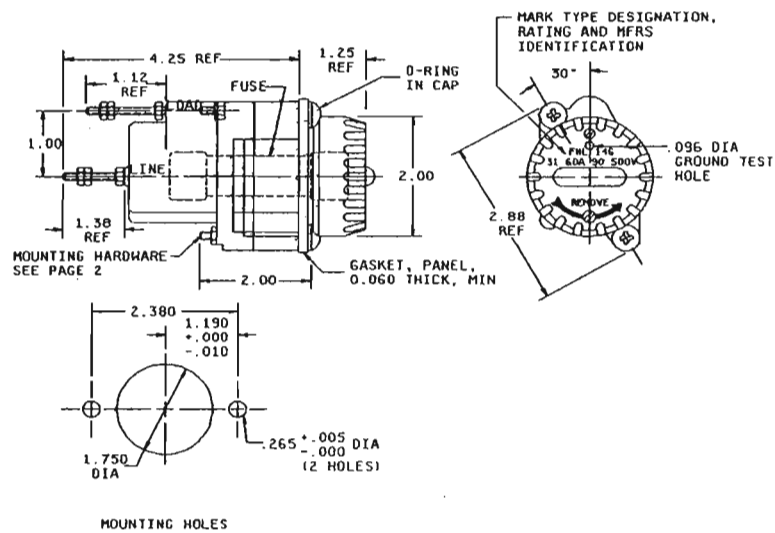


PERFORMANCE SPECIFICATION SHEET

FUSEHOLDERS, EXTRACTOR POST TYPE,  
 BLOWN FUSE INDICATING, TYPE FHL14G

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.



Inches	mm	Inches	mm	Inches	mm
0.005	0.13	1.00	25.4	2.00	50.8
.010	.25	1.12	28.45	2.380	60.45
.096	2.44	1.190	30.23	2.88	73.15
.250	6.35	1.25	31.75	4.250	107.95
.265	6.73	1.38	35.05		
.813	20.65	1.750	44.45		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are ± 0.02 (0.51 mm) for two place decimals and ±0.005 (0.13mm) for three-place decimals.
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 FHL14G fuseholder.

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: 0.813 inch (30.65 mm) diameter, 3 inches (76.2 mm) length.  
Styles: MIL-PRF-15160, F16 and F62.  
(or equivalent size and Styles)

Poles: One.

Rating: 31-60 amperes, 90-500 volts.

Panel thickness: 0.187 inch (4.75 mm) maximum.

Indicating: Neon lamp with clear cap.

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

Terminals: Stud type, No. 250-20UNC-2A thread.

Enclosure: Dripproof.

Test fuses:

Temperature rise: F62C500V60A of MIL-PRF-15160/62.

Short circuit: F62C500V60A of MIL-PRF-15160/62.

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

Terminal strength: 20 pounds.

Torque: Terminals and cap insert - 15 inch-pounds.

Salt atmosphere (corrosion): Test condition B.

Mounting hardware:

Screw: .250-20UNC-2A, trusshead, 2.0 inches long (min) with sealing washer.

Nut: .250-20UNC-2B Hex. A threaded metal insert may be used in lieu of nut.

Part or Identifying Number (PIN): FHL14G-001 shall be for body.

FHL14G-002 shall be for cap.

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

MIL-PRF-15160 MIL-PRF-15160/62 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 5920-2006-030)

**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>.