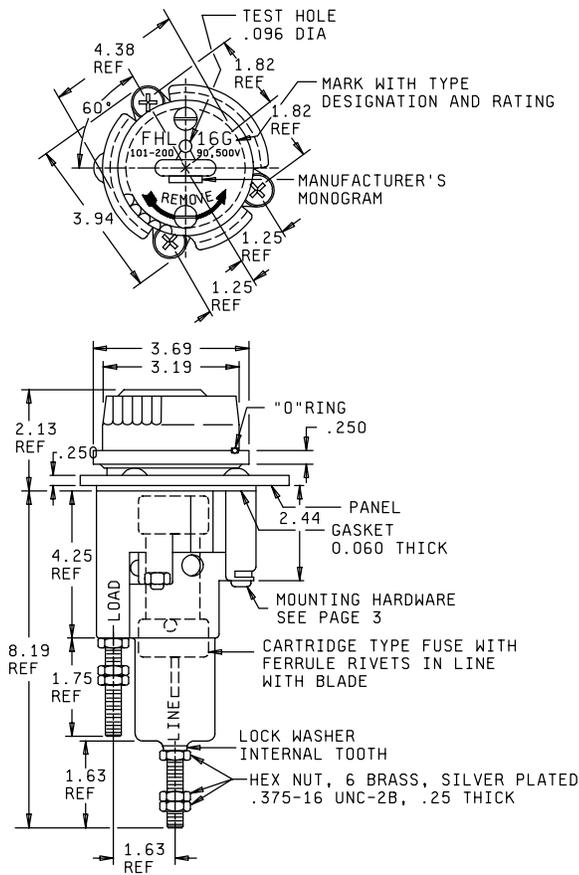


PERFORMANCE SPECIFICATION SHEET

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

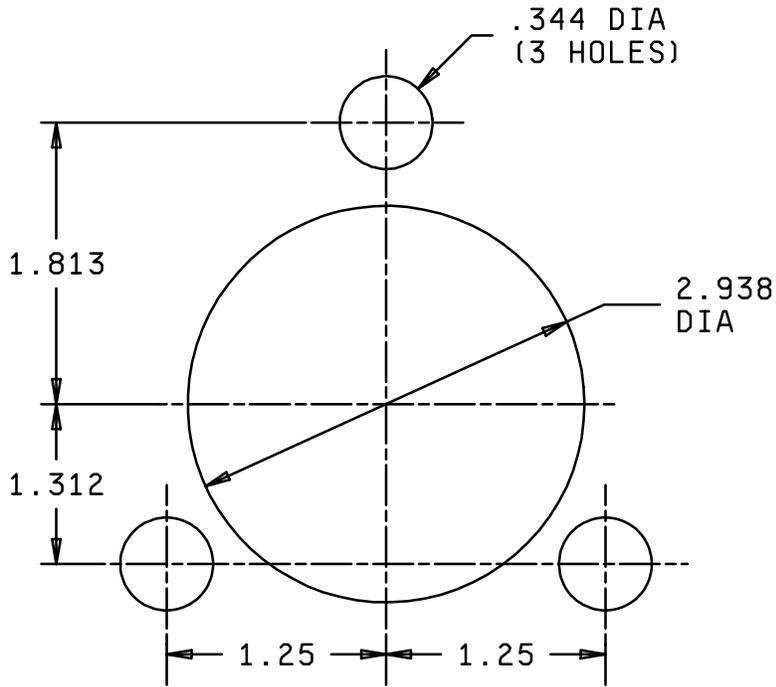
This specification is approved for use by all Departments  
and Agencies of the Department of Defense

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.



PANEL MOUNTING HOLES

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.

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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 spray (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.

Patent notice: The US Government has a royalty-free license under US Patent No. 3,225,164 and only under claim 4 of US Patent No. 2,989,610, owned by FIC Corporation, for the benefit of manufacturers of the items called for in this specification sheet either for the Government or for use in equipment to be delivered to the Government.

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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 5920-0664)

Review Activities:

Army - AR, AT, CR4, MI  
Navy - AS, EC, MC, OS  
Air Force - 70, 71, 99