

INCH POUND

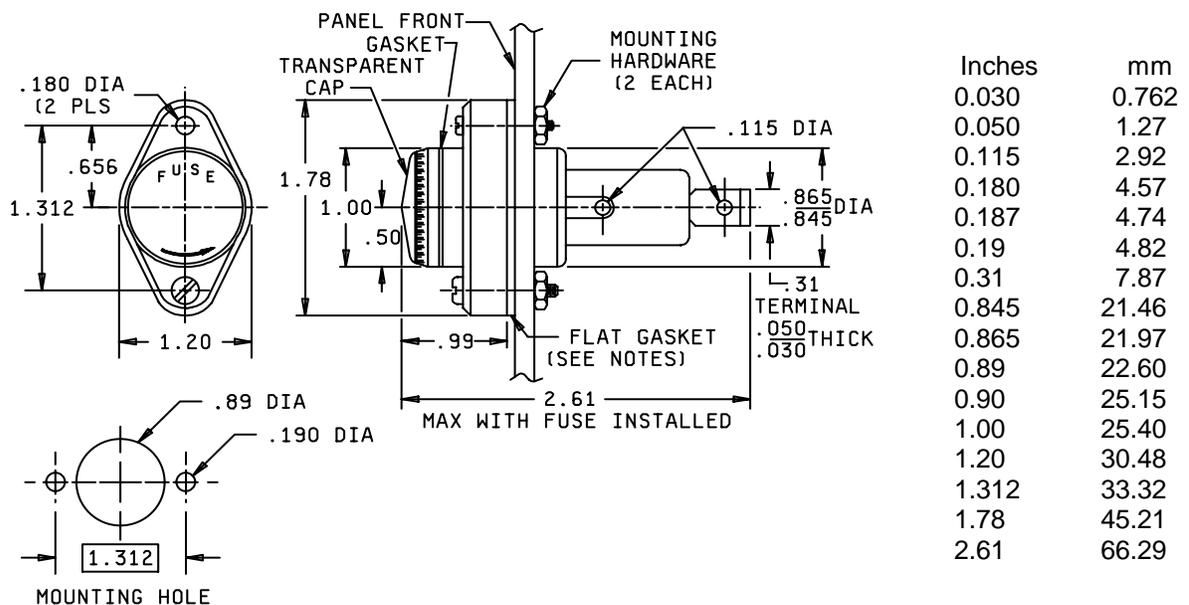
MIL-PRF-19207/12E  
 15 November 2001  
 SUPERSEDING  
 MIL-PRF-19207/12D  
 17 April 1998

PERFORMANCE SPECIFICATION SHEET

FUSEHOLDERS, EXTRACTOR POST TYPE, BLOWN FUSE INDICATING,  
 TYPE FHL22W

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

The complete requirements for procuring the fuseholders described herein  
 shall consist of this specification and the latest issue of MIL-PRF-19207.



NOTES:

1. All dimensions are in inches.
2. Metric equivalents ( to nearest 0.01 mm) are given for general information only.
3. Unless otherwise specified, tolerances are  $\pm 0.02$  (0.5 mm) for two place decimals and  $\pm 0.005$  (0.13 mm) for three place decimals.
4. Mounting hardware and gasket supplied loose in plastic bag.
5. The shape of the above fuseholder and knob marking are shown for information only. Slight deviations from this outline drawing and/or the knob marking, which do not alter the functional aspect of the device, are acceptable.

FIGURE 1. Type FHL22W fuseholder.

REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Cap and body molding material: It is recommended that types MAI-60, GDI-30F or SDG-F of American Society for Testing and Materials (ASTM) D5948 be considered for meeting the body molding material requirements of this specification. ASTM-D3935 is also suggested as guidance for cap material.

Fuse accommodations:

Ferrule type:

Size: 0.406 inch diameter, 1.500 inch length.

Style: MIL-PRF-15160, F10.

(or equivalent size and style).

Poles: One.

Rating: 15 amperes, 250 volts maximum.

30 amperes, 125 volts maximum.

Panel thickness: 0.187 inch maximum.

Indicating: Fuseholder shall be such that the fuse red button pop-up is clearly visible through the transparent cap, when the fuse has blown, under 22 to 28 foot-candles of light.

Lamp series resistor: None.

Terminals: Solder lug type.

Enclosure: Watertight.

Test fuses:

Temperature rise: F10A125V30A of MIL-PRF-15160/10.

Short circuit: F10A250V15A of MIL-PRF-15160/10.

F10A125V30A of MIL-PRF-15160/10.

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

Terminal strength: 5 pounds.

Torque: Cap insert - 15 inch-pounds.

Salt spray (corrosion): Test condition B.

Endurance: 300 operations.

Mounting hardware:

Screw: Self sealing panhead, slotted, stainless steel 8-32NC-2A, 5/8 inch long.

Nut: Hexagonal, 1/8 inch thick stainless steel.

Supersession data: FHL22WB has been superseded by FHL22W.

Custodians:

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

Preparing activity:  
DLA - CC

(Project 5920-0732-04)

Review activities:

Army - CE, MI  
Navy - AS, MC  
Air Force - 19, 99