

INCH-POUND

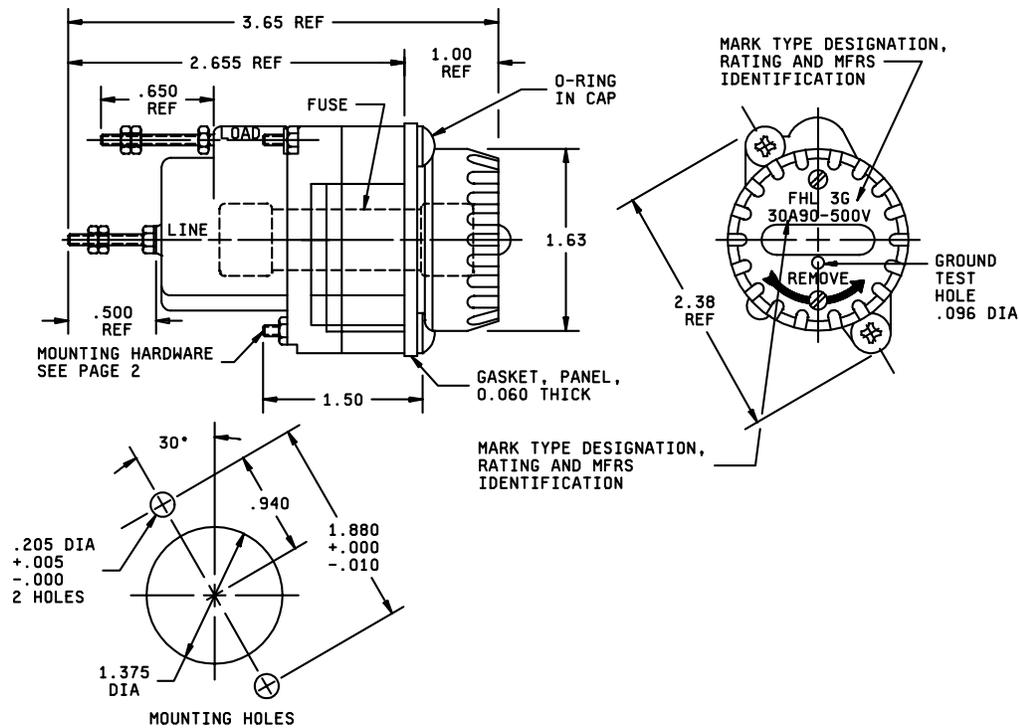
MIL-PRF-19207/4J
 02 November 2001
 SUPERSEDING
 MIL-PRF-19207/4H
 16 June 1997

PERFORMANCE SPECIFICATION SHEET

FUSEHOLDERS, EXTRACTOR POST TYPE,
 BLOWN FUSE INDICATING, TYPE FHL13G

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	Inches	mm	Inches	mm
.005	0.13	.063	1.60	.500	12.70	1.000	25.40	1.880	47.75
.010	0.25	.096	2.30	.650	16.51	1.375	34.93	2.380	60.45
.060	1.52	.205	5.21	.940	23.98	1.630	41.40	2.655	67.44
								3.650	92.71

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is .XXX ± .005 (.13 mm).

FIGURE 1. Type FHL13G fuseholders.

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REQUIREMENTS:

Dimensions and configuration: 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.

The military part number is not required on the fuseholder.

Fuse accommodation:

Ferrule type:

Size: 0.563 inch (14.30 mm) diameter, 2 inches (50.8 mm) length.

Style: MIL-PRF-15160, F15 and F61.

(or equivalent size and style).

Poles: One.

Rating: 30 amperes, 90 volts to 500 volts.

Panel thickness: 0.187 inch (4.75 mm) maximum.

Indicating: Neon lamp with clear cap.

Lamp series resistors: MIL-PRF-39017/2 two resistors, 160,000 ohms, 0.5 watt, one each lamp lead.

Terminals: Stud type, No. 190-24 UNC-2A thread.

Enclosure: Dripproof.

Test fuses:

Temperature rise: F61C500V30A of MIL-PRF-15160/61.

Short circuit: F61C500V30A of MIL-PRF-15160/61.

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

Terminal strength: 20 pounds.

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

Salt spray (corrosion): Test condition B.

Mounting hardware:

Screw: .190-24UNC-2A, trusshead, 1.5 inches long (38.1 mm) (min) with sealing washer.

Nut: .190-24UNC-2B Hex. A threaded metal insert may be used in lieu of nut.

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Military Part Number: M19207/4-001 shall be for body. M19207/4-002 shall be for cap.

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.

Custodians

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

Preparing activity:

DLA - CC

(Project 5920-0732-01)

Review activities:

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