INCH POUND
MIL-PRF-19207/12G
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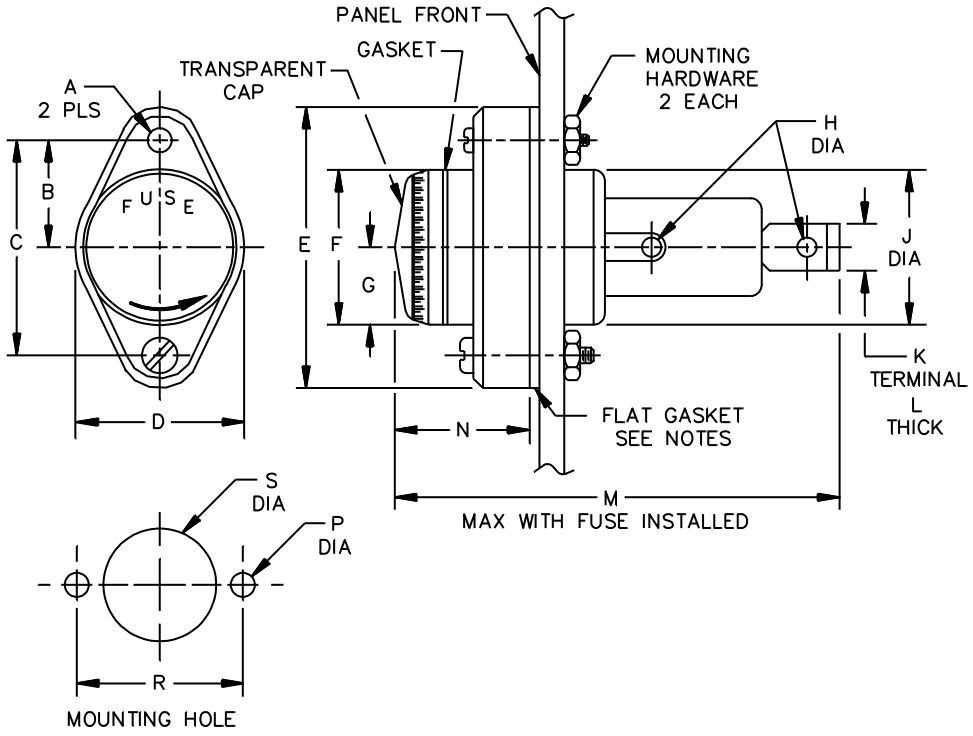
SUPERSEDING
MIL-PRF-19207/12F
24 April 2007

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



See notes on page 2.

FIGURE 1. Type FHL22W fuseholder.

Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	.175	.185	4.45	4.70	J	.845	.865	21.46	21.97
B	.651	.661	16.54	16.79	K	.290	.330	7.37	8.38
C	1.307	1.317	33.20	33.45	L	.030	.050	.76	1.27
D	1.180	1.22	29.97	30.99	M	---	2.610	---	66.29
E	1.760	1.800	44.70	45.72	N	.970	1.010	24.64	25.65
F	.980	1.020	24.89	25.91	P	.185	.195	4.70	4.95
G	.480	.520	12.19	13.21	R	1.307	1.317	33.20	33.45
H	.110	.120	2.79	3.05	S	.870	.910	22.10	23.11

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 ±.02 (0.5 mm) for two place decimals and ±.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 - contined.

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: F10: MIL-PRF-15160/10.
(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.

Part or Identifying Number (PIN): FHL22W.

Supersession data: FHL22WB has been superseded by FHL22W.

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

MIL-PRF-15160/10 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.

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