INCH-POUND

MIL-PRF-19207/8F
30 April 2001
SUPERSEDING
MIL-F-19207/8E
12 January 1984

PERFORMANCE SPECIFICATION SHEET

FUSEHOLDERS, EXTRACTOR POST TYPE, BLOWN FUSE INDICATING, TYPES FHL17G1 AND FHL17G2

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.

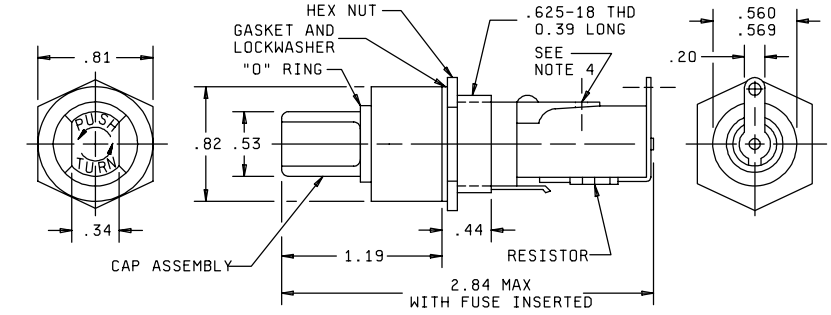

FIGURE 1. Type FHL17G1.

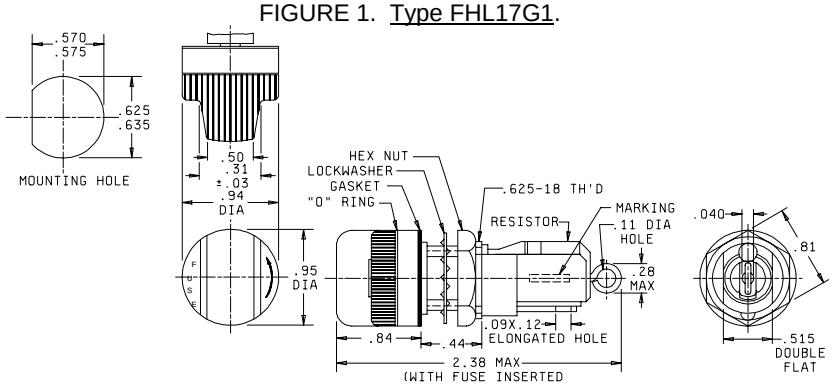

FIGURE 2. Type FHL17G2.

See notes on following page.

Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	.13	.11	2.79	.34	8.64	.569	14.45	.82	20.83
.02	.51	.12	3.05	.44	11.18	.570	14.48	.84	21.34
.03	.76	.20	5.05	.50	12.70	.575	14.52	.94	23.88
.040	1.18	.26	6.74	.515	13.08	.625	15.88	1.19	30.23
.09	2.29	.28	7.15	.53	13.46	.635	16.13	2.38	60.45
.10	2.54	.31	7.87	.560	14.22	.81	20.57	2.84	72.14

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. Terminal is .20 inch wide with a .10 inch minimum diameter solder hole.
5. 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.
6. Gaskets: It is suggested that gaskets which meet class 3 of A-A-59588 be considered for use.

REQUIREMENTS:

Interface and physical dimensions: See figures 1 and 2.

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: 0.250 inch (6.35 mm) diameter, 1.250 inch (31.75 mm) length.
Styles: MIL-PRF-15160/2, /3, and MIL-PRF-23419/9.
(or equivalent size and styles)

Poles: One

Rating: 30 amperes, 90-250 volts.

Panel thickness: 0.187 inch (3.18 mm) maximum.

Gaskets: Gaskets shall be used that enable the fuseholder to meet the performance requirements of this specification. Additional information and guidance on gaskets are specified in the notes.

Indicating type: Neon lamp with clear cap.

Lamp series resistor: MIL-PRF-39017/2, 120,000 ohms, 0.5 watt.

Terminals: Solder lug type.

Enclosure: Dripproof.

Test fuses:

Temperature rise: F03A125V20A of MIL-PRF-15160/3.

Short circuit: F03A250V15A of MIL-PRF-15160/3.

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

Terminal strength: 5 pounds.

Torque: Mounting - 30 inch-pounds.

Salt spray (corrosion): MIL-STD-202, method 101, test condition B.

Part or Identifying Number (PIN): FHL17G1 or FHL17G2 depending on type.

Patent notice: The US Government has a royalty-free license only under claims 3 through 6, 11 and 12 of US Patent No. 2,854,549 owned by McGraw Electric Company only 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.

Marginal notations are not used in this version to identify changes with respect to the previous issue due to the extent of the changes.

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Review Activities:
Army - AR, AT, CR4, MI
Navy - AS, EC, MC, OS
Air Force - 19

Preparing Activity:
DLA - CC

(Project 5920-0665)