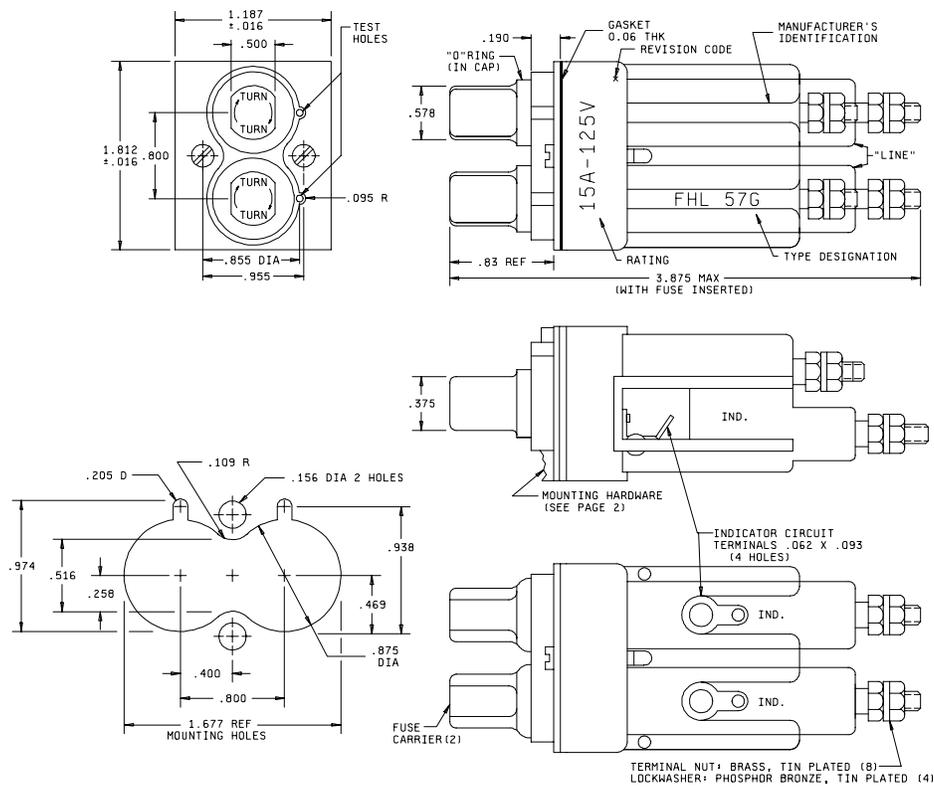


PERFORMANCE SPECIFICATION SHEET

**FUSEHOLDERS, EXTRACTOR POST TYPE,
BLOWN FUSE INDICATING, TYPE FHL57G**

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

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

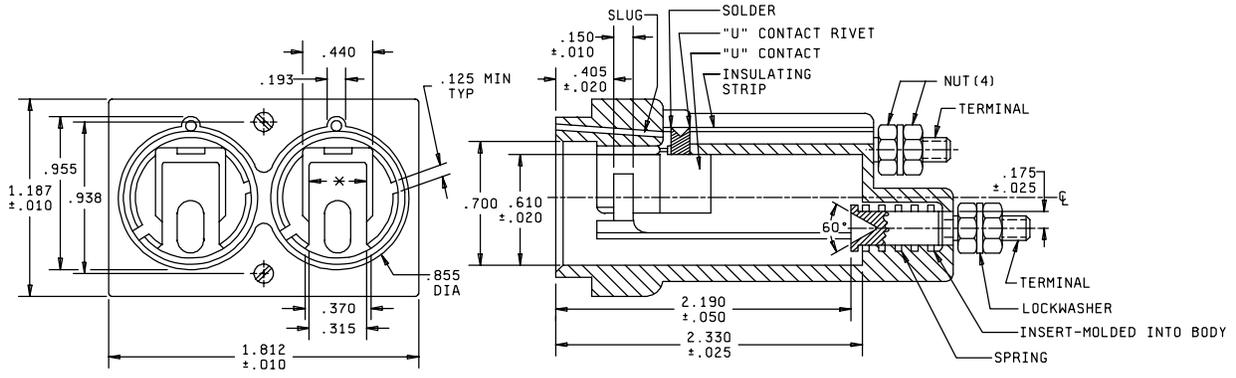


Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.016	0.41	.156	3.96	.469	11.91	.83	21.08	.974	24.74
.06	1.52	.190	4.83	.500	12.70	.855	21.72	1.187	30.15
.062	1.57	.205	5.21	.516	13.11	.875	22.23	1.675	42.55
.093	2.36	.375	9.53	.578	14.68	.938	23.83	1.812	46.02
.095	2.41	.400	10.16	.800	20.32	.955	24.26	3.875	98.43
.109	2.77								

See notes at end of figures.

FIGURE 1. Type FHL57G fuseholder.

MIL-PRF-19207/38C

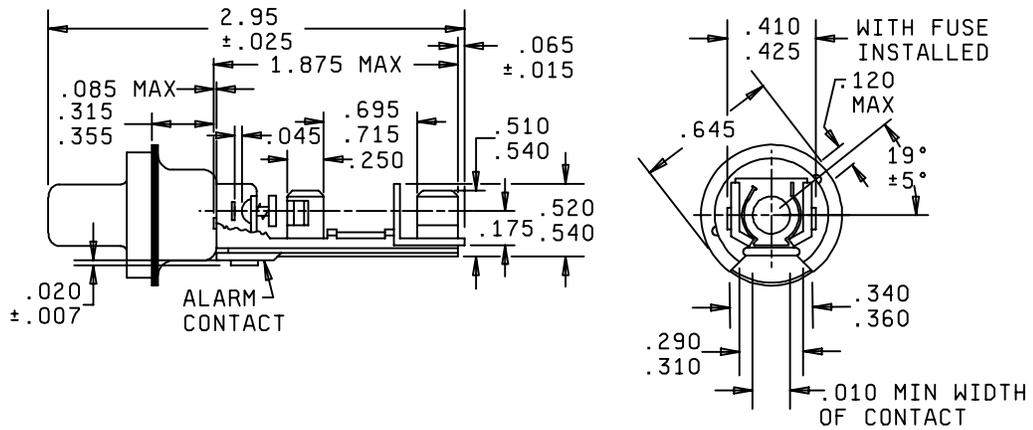
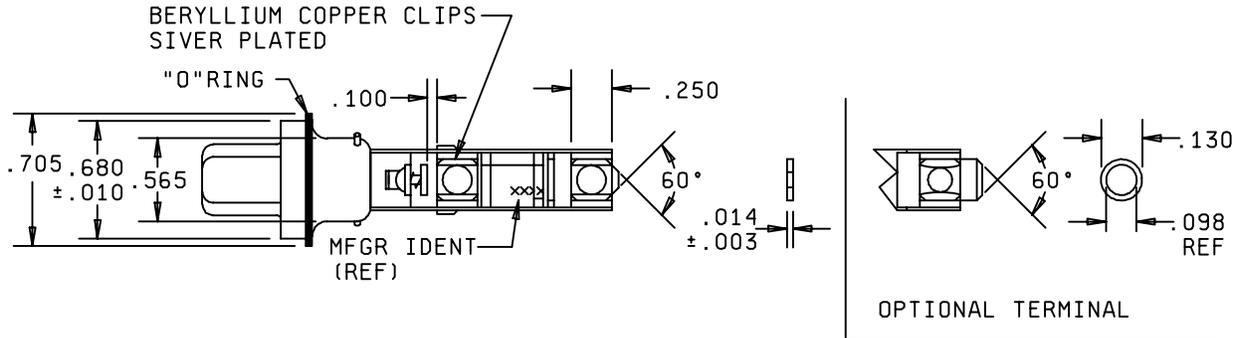


* "U" contact dimension .390

<u>Inches</u>	<u>mm</u>	<u>Inches</u>	<u>mm</u>	<u>Inches</u>	<u>mm</u>	<u>Inches</u>	<u>mm</u>
.010	0.25	.175	4.45	.405	10.29	.938	23.83
.020	0.51	.193	4.90	.440	11.18	1.187	30.15
.025	0.64	.315	8.00	.610	15.49	1.812	46.02
.050	1.27	.370	9.40	.700	17.78	2.190	55.63
.125	3.18	.390	9.91	.855	21.72	2.330	59.18
.150	3.81						

See notes at end of figures.

FIGURE 2. Body for FHL57G fuseholders.



Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.003	0.08	.025	0.64	.100	2.54	.310	7.87	.425	10.80	.680	17.27
.005	0.13	.041	1.04	.120	3.05	.315	8.00	.510	12.95	.695	17.63
.007	0.18	.045	1.14	.130	3.30	.340	8.64	.520	13.21	.705	17.91
.010	0.25	.065	1.65	.175	4.45	.355	9.02	.540	13.72	.715	18.16
.015	0.38	.085	2.16	.250	6.35	.360	9.14	.565	14.35	1.875	47.63
.020	0.51	.098	2.49	.290	7.37	.410	10.41	.645	16.38	2.95	74.93

See notes at end of figures.

FIGURE 3. Fuse carrier for FHL57G.

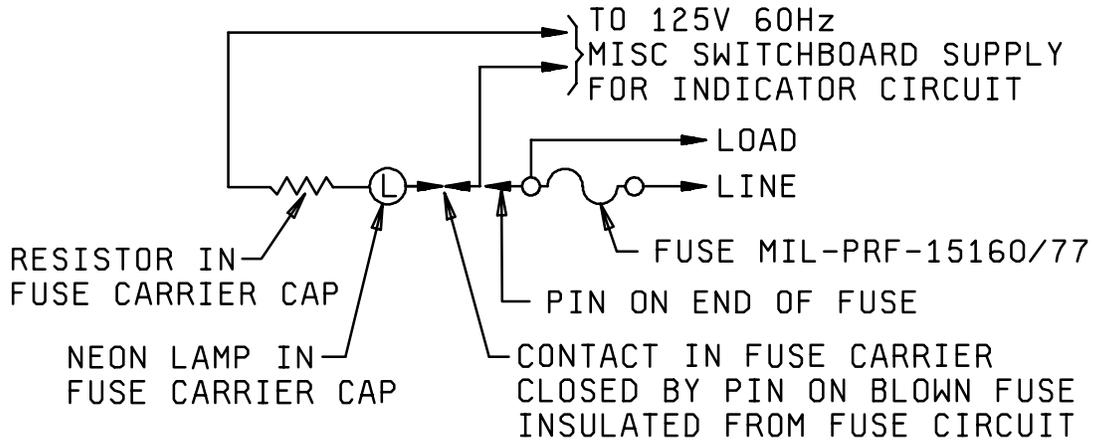


FIGURE 4. Schematic of FHL57G fuseholder.

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are ± 0.02 inch (0.51 mm) for two place decimals and ± 0.005 (0.13 mm) for three decimal places.
3. Metric equivalents (to the nearest 0.01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
4. Mounting hardware:
Screw: 6-32UNC-2A, flat head 1.125 inches (28.58 mm) long (minimum) (unless otherwise specified).
Nut: 6-32UNC-2B square. A threaded metal insert may be used in lieu of nut.
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.

REQUIREMENTS:

Interface and physical dimensions: See figures 1, 2, and 3.

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 accommodations:

Ferrule type, alarm indicating:

Size: .250 inch (6.35 mm) diameter, 1.250 inches (28.58 mm) length (nominal).

Style: F77 of MIL-PRF-15160/77.

(or equivalent size and style)

MIL-PRF-19207/38C

Poles: Two.

Rating: 15 amperes, 125 volts.

Panel thickness: .125 inch (3.18 mm) maximum.

Indicating: Polycarbonate lens neon lamp.

Lamp series resistor: MIL-R-39017/1, 120,000 ohms.

Fuse carrier: The spring constant for the switch spring shall be such that a force of 0.56 ounce is required to compress the spring .045 inch (1.14 mm).

Terminals: Stud type, No. 8-32UNC-2A thread. Brass, silver, or tin-plated. Solder type, brass, silver plated.

Test fuses:

Temperature rise: F77A125V15A of MIL-PRF-15160/77 or equivalent.

Short circuit: F77A125V15A of MIL-PRF-15160/77 or equivalent.

Mechanical shock: Method I of MIL-PRF-19207. Momentary opening of indicating circuit contacts permitted.

Terminal strength:

20 pounds (stud terminals).

5 pounds (solder terminal).

Torque: Terminals - 15 inch-pounds.

Salt spray (corrosion): Test condition B.

Part or Identifying Number (PIN): FHL57G-001 for body.
FHL57G-002 for fuse carrier.

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 5920-0670)

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