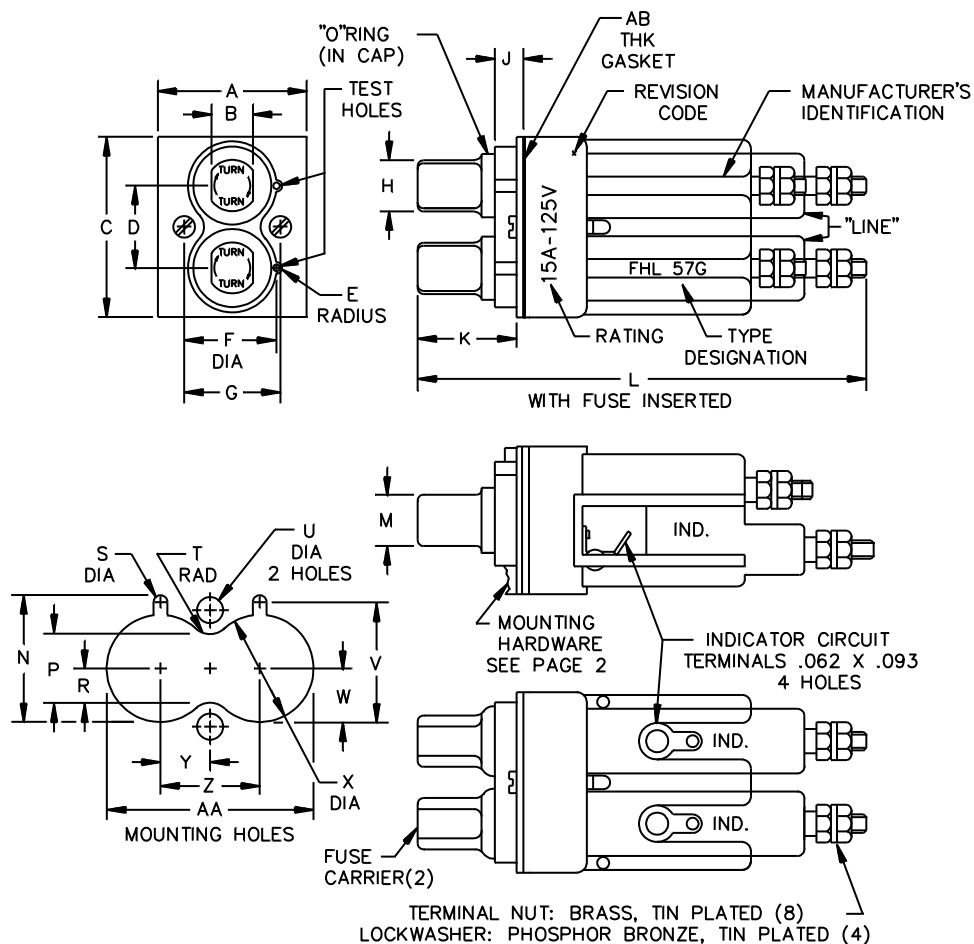


PERFORMANCE SPECIFICATION SHEET

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 requirements for acquiring the product described herein
shall consist of this specification sheet and [MIL-PRF-19207](#).



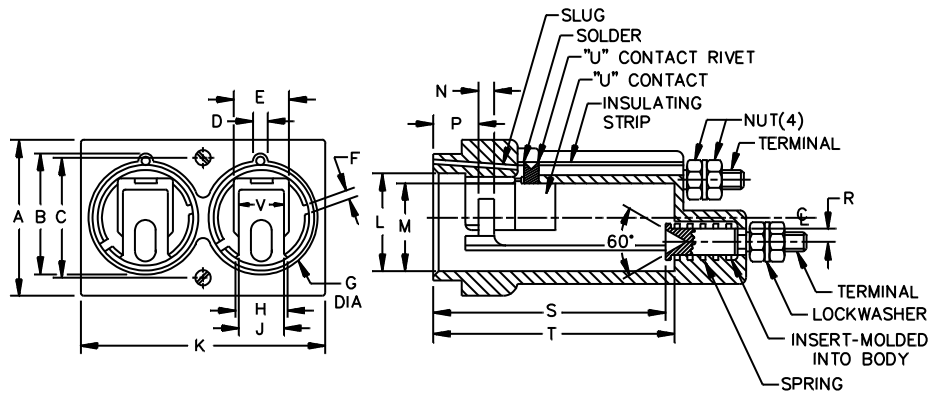
See notes at end of figures.

FIGURE 1. Type FHL57G fuseholder.

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Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	1.171	1.203	29.74	30.56	P	.511	.521	12.98	13.23
B	.495	.505	12.57	12.83	R	.253	.263	6.43	6.68
C	1.796	1.828	45.62	46.43	S	.200	.210	5.08	5.33
E	.090	.100	2.29	2.54	T	.104	.114	2.64	2.90
F	.850	.860	21.59	21.84	U	.151	.161	3.84	4.09
G	.950	.960	24.13	24.38	V	.933	.943	23.70	23.95
H	.573	.583	14.55	14.81	W	.464	.474	11.79	12.04
J	.185	.195	4.70	4.95	X	.870	.880	22.10	22.35
K	.830 (REF)				Y	.395	.405	10.03	10.29
L	---	3.875	---	98.43	Z	.795	.805	20.19	20.45
M	.370	.380	9.34	9.65	AA	1.677 (REF)		42.60 (REF)	
N	.969	.979	24.61	24.87	AB	.040	.080	1.02	2.03

FIGURE 1. Type FHL57G fuseholder - contined.



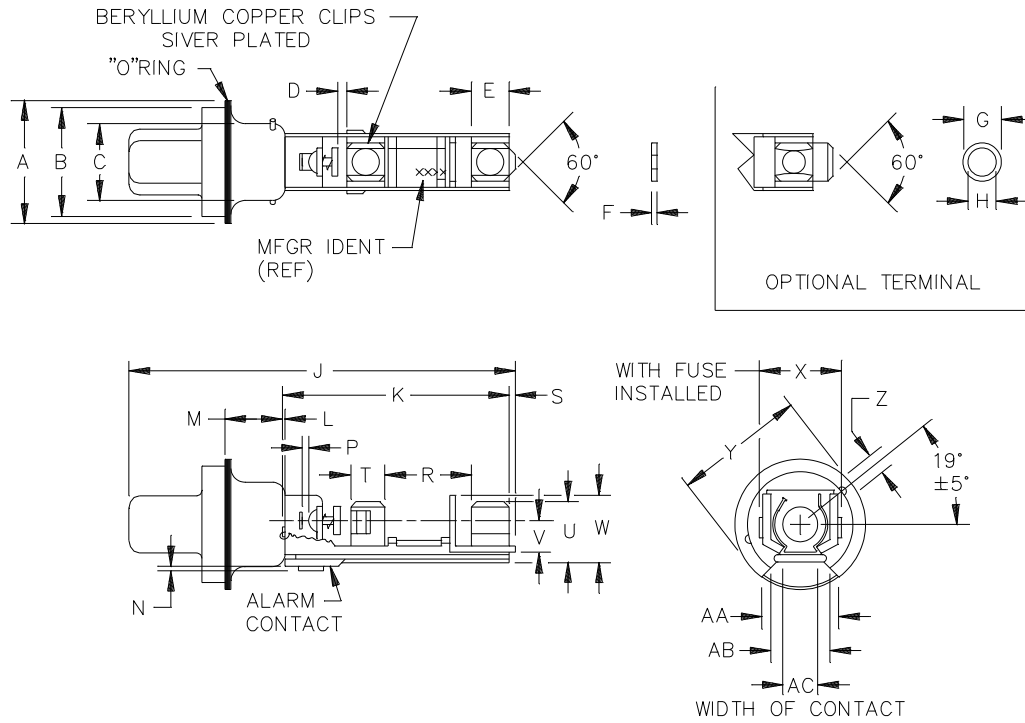
Letter V indicated in the dimensional table corresponds to the "U" contact dimension.

Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	1.177	1.197	29.90	30.40	L	.695	.705	17.65	17.91
B	.950	.960	24.13	24.38	M	.590	.630	14.99	16.00
C	.933	.943	23.70	23.95	N	.140	.160	3.56	4.06
E	.435	.445	11.05	11.30	P	.385	.425	9.78	10.80
F	.188	.198	4.78	5.03	R	.150	.200	3.81	5.08
G	.850	.860	21.59	21.84	S	2.140	2.240	54.36	56.90
H	.365	.375	9.27	9.53	T	2.305	2.355	58.55	59.82
J	.310	.320	7.87	8.13	V	.385	.395	9.78	10.03
K	1.802	1.822	45.77	46.28					

See notes at end of figures.

FIGURE 2. Body for FHL57G fuseholders.

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Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	.700	.710	17.78	18.03	R	.695	.715	17.65	19.08
B	.670	.690	17.02	17.53	S	.050	.080	1.27	2.03
C	.560	.570	14.22	14.48	T	.245	.255	6.22	6.48
E	.245	.255	6.22	6.48	U	.510	.540	12.95	13.72
F	.011	.017	.27	.43	V	.170	.180	4.32	4.57
G	.125	.135	3.18	3.43	W	.520	.540	13.21	13.72
H	.098 (REF)		2.49 (REF)		X	.410	.425	10.41	10.80
J	2.925	2.975	74.30	75.57	Y	.640	.650	16.26	16.51
K	---	1.875	---	47.63	Z	---	.120	---	3.05
L	---	.085	---	2.16	AA	.340	.360	8.64	9.14
M	.315	.355	8.00	9.02	AB	.290	.310	7.37	7.87
N	.013	.027	.33	.69	AC	.010	---	.25	---
P	.040	.050	1.02	1.27					

See notes at end of figures.

FIGURE 3. Fuse carrier for FHL57G.

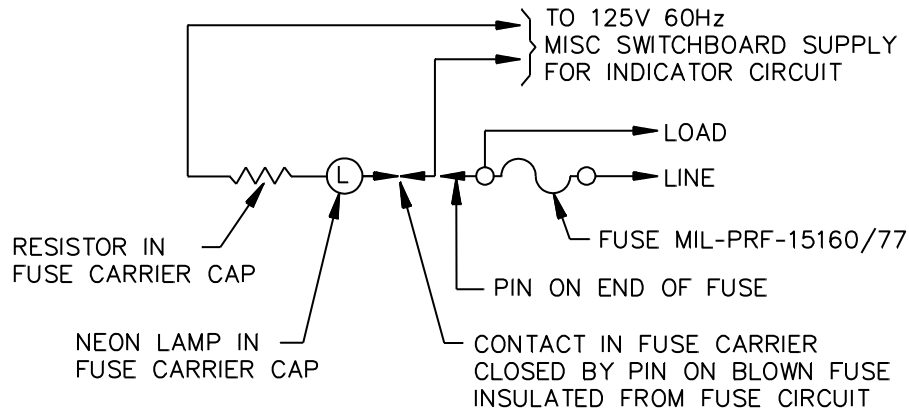


FIGURE 4. Schematic of FHL57G fuseholder.

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 (31.75 mm) length (nominal).

Style: F77: [MIL-PRF-15160/77](#).

(or equivalent size and style)

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Poles: Two.

Rating: 15 amperes, 125 volts.

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

Indicating: Polycarbonate lens neon lamp.

Lamp series resistor: [MIL-PRF-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.

Referenced documents. In addition to [MIL-PRF-19207](#), this document references the following:

[ASTM-D3935](#) [ASTM-D5948](#) [MIL-PRF-15160/77](#) [MIL-PRF-39017/1](#)

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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Navy - SH
Air Force - 85
DLA - CC

Preparing Activity:

DLA - CC

(Project 5920-2013-036)

Review Activities:

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

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