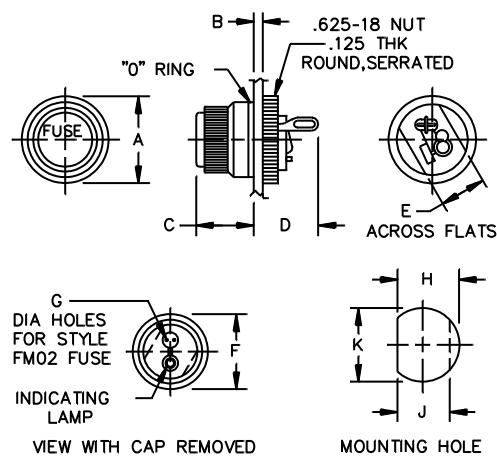


PERFORMANCE SPECIFICATION SHEET
FUSEHOLDERS, EXTRACTOR POST TYPE, BLOWN FUSE INDICATING,
TYPE FHN44G

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](#).



Ltr	Inches		mm		Ltr	Inches		mm	
	Min	Max	Min	Max		Min	Max	Min	Max
A	.597	.797	15.16	20.24	F	.760	.800	19.30	20.32
B	---	.187	---	4.75	G	.035	.045	.89	1.14
C	.550 (REF)		13.97 (REF)		H	.570	.575	14.48	14.61
D	---	.609	---	15.47	J	.500	.510	12.70	12.95
E	.492	.498	12.50	12.65	K	.635	.640	16.13	16.26

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are ± 0.02 (0.5 mm) for two-place decimals and ± 0.005 (0.13 mm) for three-place decimals.
3. Metric equivalents (to the nearest .01 mm) are given for general information only.

FIGURE 1. Type FHL44G fuseholder.

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REQUIREMENTS:

Interface and physical dimensions: See [figure 1](#).

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 cap and body molding material are specified in the notes.

Fuse accommodation:

Miniature plug type: FM02: [MIL-PRF-23419/2](#),. Fuse is not captive in cap at removal.
(or equivalent size and style)

Poles: One.

Rating: 5 amperes (see table I for voltage).

Panel thickness: 0.187 inch (4.75 mm) maximum.

Indicating: Incandescent lamp 1762X or 1764 with amber color cap.

Lamp series resistor: See table I.

Terminals: Solder lug type.

Enclosure: Drip-proof.

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.

Test fuses: FM02A125V5A of [MIL-PRF-23419](#).

Marking: In addition to other required marking, a dash number shall follow the type designation and shall be associated with the voltage rating in accordance with table I.

Mechanical shock: Method I of [MIL-PRF-19207](#).

Thermal shock: [Method 107, test condition B, MIL-STD-202](#).

Endurance: 500 insertions and removals of cap and fuse.

Torque:

Cap: 4 pounds-inch.

Mounting: 10 pounds-inch.

Salt spray (corrosion): Test condition B.

Part or Identifying Number (PIN): FHL44G (dash number from table I).

TABLE I. Voltage and resistance.

Dash number	Voltage	Resistance ohms	Resistor style	Resistor specification
1	12-22	Shorting wire in place of resistor	---	---
2	23-33	330	RLR-20	MIL-PRF-39017/2
3	34-45	680	RWR-89	MIL-PRF-39007/11
4	46-60	1,200	RWR-89	MIL-PRF-39007/11
5	61-80	1,800	RWR-89	MIL-PRF-39007/11
6	81-90	2,000	RWR-89	MIL-PRF-39007/11

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NOTES:

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.

Gaskets: It is recommended that class 3 silicone rubber of [A-A-59588](#) (Rubber, Silicone), be considered for use in meeting the gasket material requirements of this specification.

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

[MIL-STD-202](#) [ASTM-D3935](#) [ASTM-D5948](#) [MIL-PRF-23419](#) [MIL-PRF-23419/2](#) [MIL-PRF-39007/11](#)
[MIL-PRF-39017/2](#) [A-A-59588](#)

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
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Preparing Activity:
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