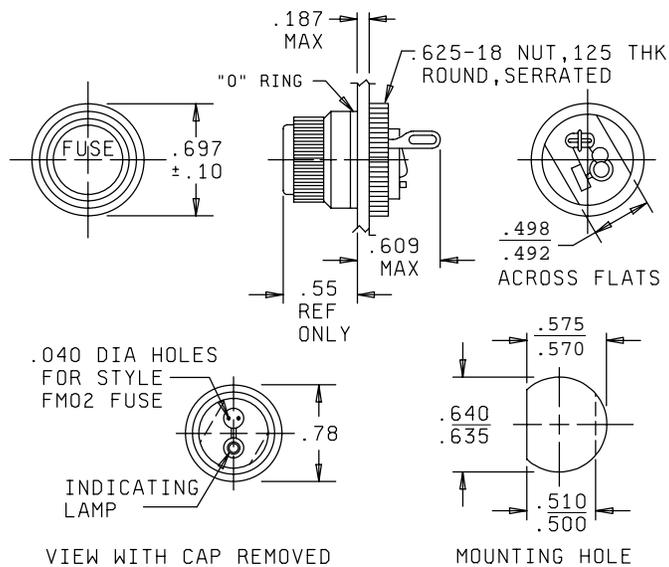


PERFORMANCE SPECIFICATION SHEET  
FUSEHOLDERS, EXTRACTOR POST TYPE, BLOWN FUSE INDICATING,  
TYPE FHL45G

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.



Inches	mm	Inches	mm	Inches	mm	Inches	mm
.040	1.016	.498	12.65	.575	14.61	.697	17.70
.100	2.540	.500	12.70	.609	15.47	.780	19.81
.125	3.175	.510	12.95	.625	15.88		
.187	4.750	.550	13.97	.635	16.13		
.492	12.500	.570	14.48	.640	16.26		

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are  $\pm 0.02$  (0.51 mm) for two-place decimals and  $\pm 0.005$  (0.13 mm) for three-place decimals.
3. Metric equivalents (to the nearest .01 mm) are given for general information only.

FIGURE 1. Type FHL45G fuseholder.

MIL-PRF-19207/29F

REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Body molding material: 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:

Miniature plug type: MIL-PRF-23419, FM02 or equivalent size and style. Fuse is not captive in cap at removal.

Poles: One.

Rating: 5 amperes, 90 volts to 125 volts.

Panel thickness: 0.187 inch (4.75 mm) maximum.

Indicating: Neon lamp with clear cap.

Lamp series resistor: MIL-PRF-39017/2, style RLR, 120,000 ohms.

Terminals: Solder lug type.

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.

Contact resistance: .004 ohms before endurance test and .006 ohms after test.

Enclosure: Dripproof.

Test fuses:

Temperature rise: FM02A125V5A of MIL-PRF-23419.

Short circuit: FM02A125V5A of MIL-PRF-23419.

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

Thermal shock: Method 107, test condition A, MIL-STD-202.

Torque:

Cap: 4 inch-pounds.

Mounting: 10 inch-pounds.

Salt spray (corrosion): Test condition B.

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.

Custodians:

Army - CR  
Navy - SH  
Air Force - 11  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5920-0757)

Review activities:

Army - AT, CR4, MI  
Navy - AS, EC, MC, OS  
Air Force - 19, 99