

INCH-POUND

MS27710D  
 5 September 2003  
 SUPERSEDING  
 MS27710C(USAF)  
 25 February 1991

MILITARY SPECIFICATION SHEET

FLASHER, SOLID STATE, AIRCRAFT NAVIGATIONAL LIGHT, 28 V DC

Inactive for new design and is no longer used  
 except for replacement purposes.

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

The requirements for acquiring the flasher described herein shall  
 consist of this specification and the latest issue of MIL-F-26301.

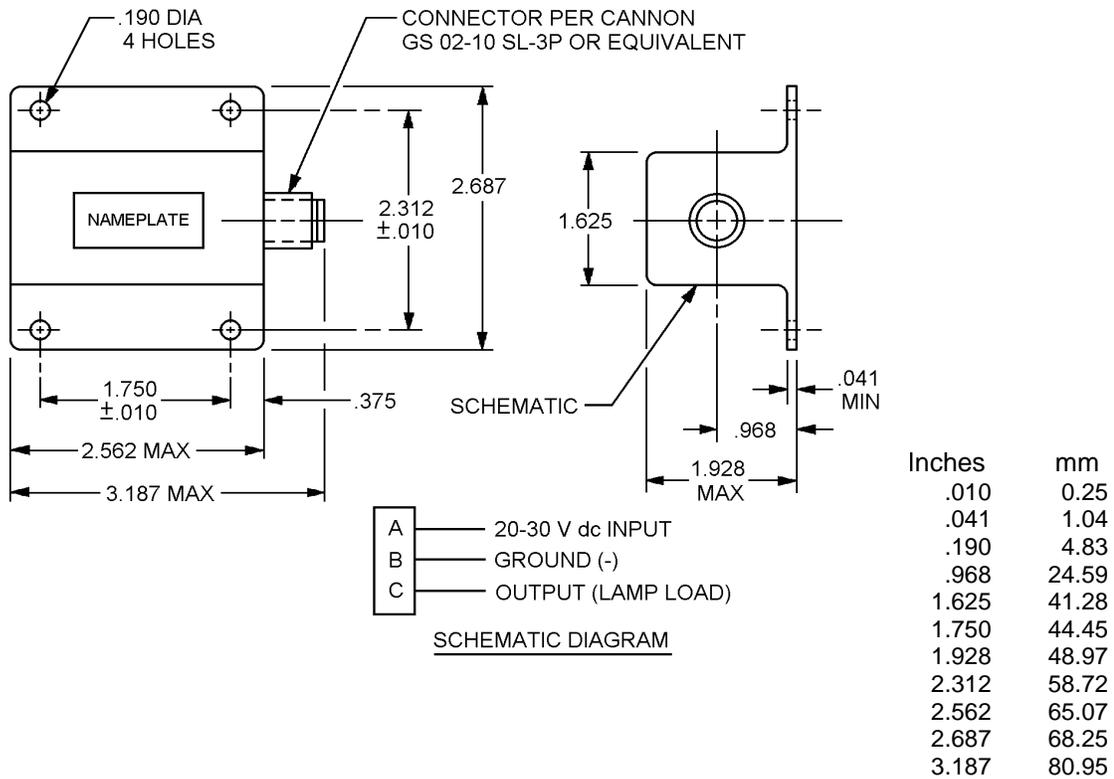


FIGURE 1. Dimensions and configuration.

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NOTES:

1. All dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is  $\pm 0.032$  (0.81 mm).
4. The flasher need not have the contour shown, but shall be contained within the outline shown.
5. Case-enclosure may be completely potted or hermetically sealed. If the enclosure is hermetically sealed, it shall be tested in accordance with MIL-STD-202, method 112, test condition C, procedure IV. Maximum total leakage rate shall not exceed 1 micron cubic foot per hour per cubic inch sealed volume at a pressure differential of 1 atmosphere.
6. Life paragraph 4.5.14 of MIL-F-26301 applies. The test shall consist of 2500 hours of operation, during and at end of which the unit shall meet the flash rate specified herein.
7. Flasher shall conform to MIL-F-26301, type II, style I, class I, and as specified herein.
8. For design purposes, this specification sheet takes precedence over MIL-F-26301.
9. Referenced documents shall be of the issue in effect on date of invitation for bid.
10. First article testing shall be performed in accordance with MIL-F-26301.

FIGURE 1. Dimensions and configuration - Continued.

REQUIREMENTS:

Input voltage: 20-30 V dc.

Output (contact rating): 2.5 amperes (lamp load at 28 V dc).

Flash rate:  $85 \pm 10$  flashes per minute (FPM).

Life: 2500 hours.

Weight: 10 ounces maximum.

Part number: MS27710-01.

Custodians:  
Air Force - 11  
DLA - CC

Preparing activity:  
DLA - CC

Review activities:  
Air Force - 99

(Project 5945-1183)