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INCH-POUND

MS24577G
30 October 2013
SUPERSEDING
MS24577F
7 November 2003

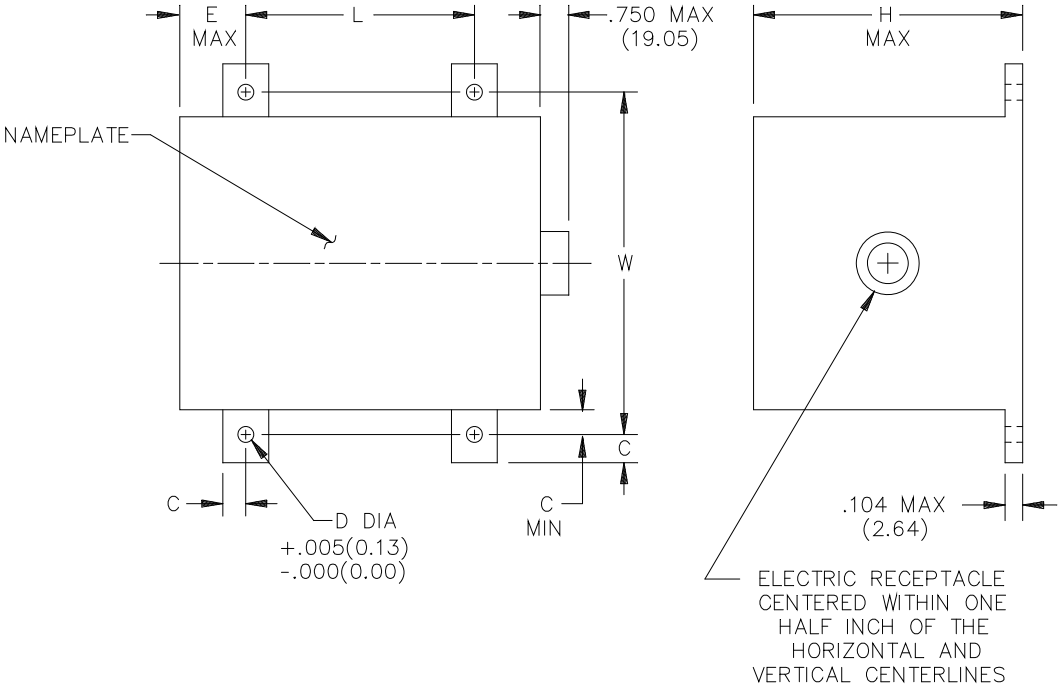
MILITARY SPECIFICATION SHEET

FLASHER, SOLID STATE, AIRCRAFT NAVIGATIONAL LIGHT

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.



Inches	mm
.005	0.13
.104	2.64
.750	19.05

FIGURE 1. Dimensions and configuration.

AMSC N/A

FSC 5945

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Part or identifying number (PIN)	Dimensions						Electric receptacle to conform to	Pin connections					Max wt (lbs)	Dur-ation of life test hours	Supersedes
	L	W	H	D	C	E		A	B	C	D	E			
MS24577-1 See note 11	2.000 (50.80)	2.500 (63.50)	2.594 (65.89)	.175 (4.45)	.250 (6.35)	1.125 (25.58)	MS33678-16S-8P	Not used	5.2 amp dc input	Internally connected 5 amp dc total output		N/A	1.5	800	Substitute MS24577-2A
MS24577-2A	2.000 (50.80)	2.500 (63.50)	2.594 (65.89)	.175 (4.45)	.250 (6.35)	1.125 (25.58)	MS33678-16S-8P	Not used	5.2 amp dc input	Internally connected 5 amp dc total output		Grounded internally	1.0	800	MS24577-1
MS24577-3 See note 11	3.000 (76.40)	5.375 (131.53)	4.500 (114.30)	.260 (6.60)	.375 (9.53)	.688 (17.48)	MS33678-16S-8P	Not used	5.2 amp dc input	5 amp dc output		Grounded internally	2.5	1,000	N/A
MS24577-4	2.750 (69.85)	3.500 (89.10)	2.594 (65.89)	.200 (5.08)	.250 (6.35)	.562 (14.27)	MS33678-14S-5P	7.7 amp dc input	7.5 amp dc output	Not used	Grounded internally	Not used	1.0	1,000	MS25204-1 (F-2) See note 12
MS24577-5 See note 11	2.000 (50.80)	2.500 (63.50)	2.594 (65.89)	.175 (4.45)	.250 (6.35)	1.125 (25.58)	MS3113H8-4P	Not used	1.2 amp dc input	1 amp dc output	Grounded internally	N/A	.5	1,000	N/A
MS24577-6 See note 11	2.750 (69.85)	3.500 (89.10)	2.594 (65.89)	.200 (5.08)	.250 (6.35)	.562 (14.27)	MS33678-18-4P	0.22 amp ac input	7.5 amp ac or dc input	7.5 amp ac or dc input	Grounded internally	N/A	2.0	1,000	F-3

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Metric equivalents are in parentheses.
4. Unless otherwise specified, tolerance is ± .010 (0.25 mm).
5. The flasher need not have the shape shown, but shall be contained within the outline shown.
6. Flash rate shall be 80 ± 10 F/M.
7. For allowable voltage variation see 3.5.2.
8. Allowable voltage variation ± 5.0 percent of rated frequency.
9. For design feature purposes, this specification sheet takes precedence over acquisition documents referenced herein.
10. Referenced documents shall be of the issue in effect on date of invitation for bid.
11. This PIN is cancelled without replacement.
12. With 2 MS25204-2 mounting adapters, supersedes F-1 Δ 28 V dc, 115 V ac.
13. First article testing shall be performed in accordance with MIL-F-26301.

FIGURE 1. Dimensions and configuration – Continued.

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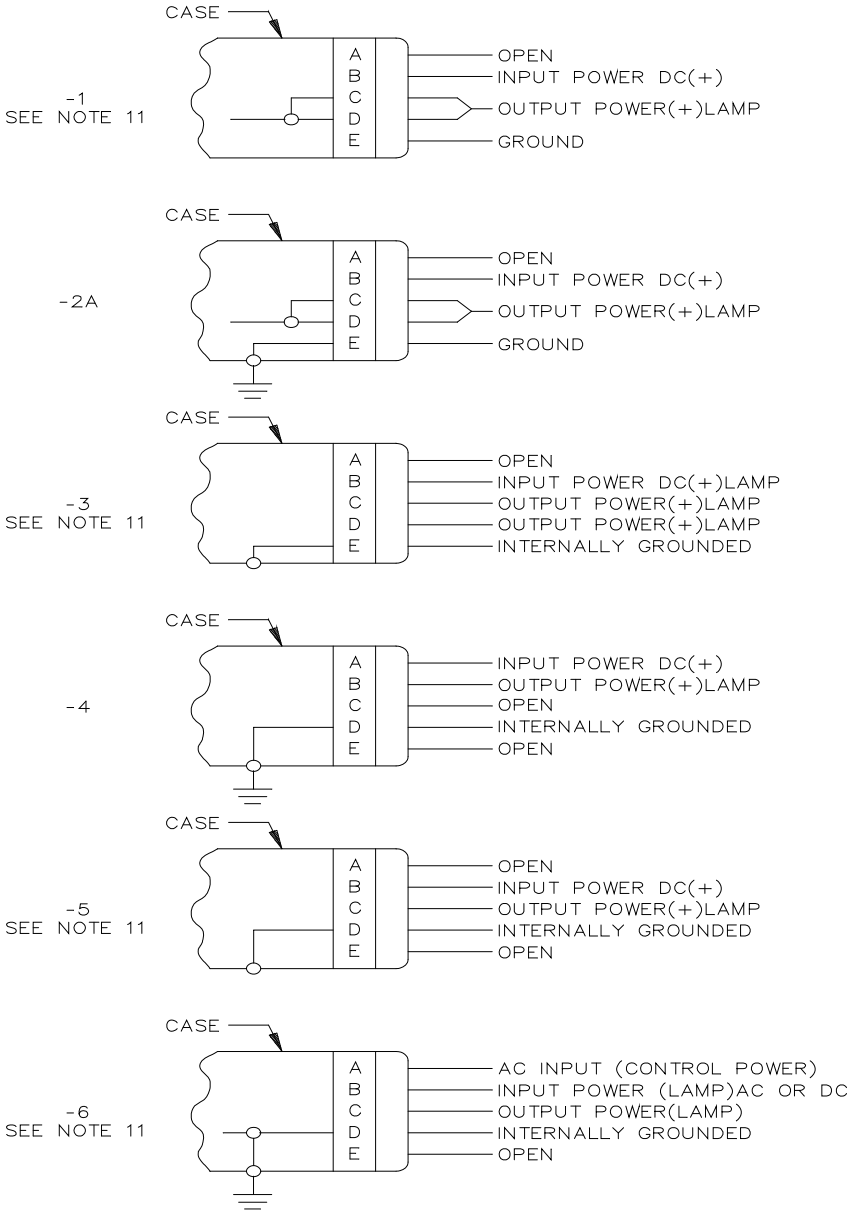

FIGURE 1. Dimensions and configuration – Continued.

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Changes from previous issue. 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.

Referenced documents. This document references MIL-F-26301.

Custodians:
Army – AV
Navy – AS
Air Force – 85
DLA – CC

Review activities:
Air Force – 99
Navy – MC

Preparing activity:
DLA – CC

(Project 5945-2013-034)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at https://assist.dla.mil/.