

INCH-POUND

MS24577F  
 7 November 2003  
 SUPERSEDING  
 MS24577E  
 28 March 1991

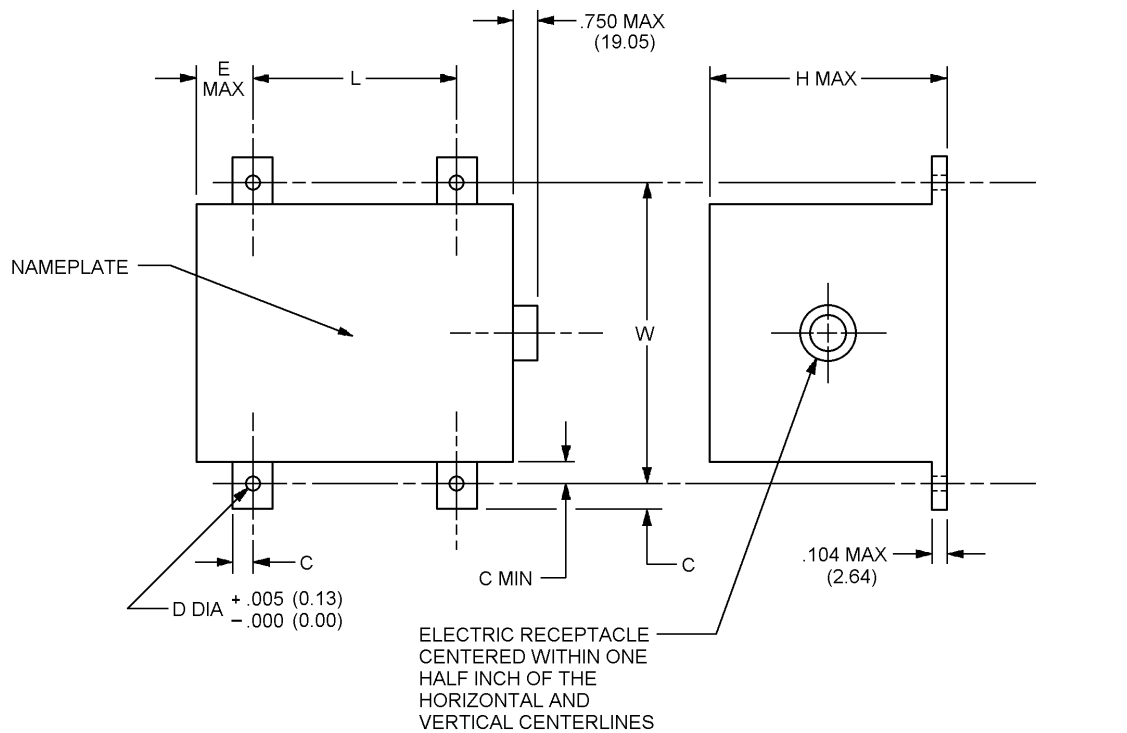
## MILITARY SPECIFICATION SHEET

## 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.

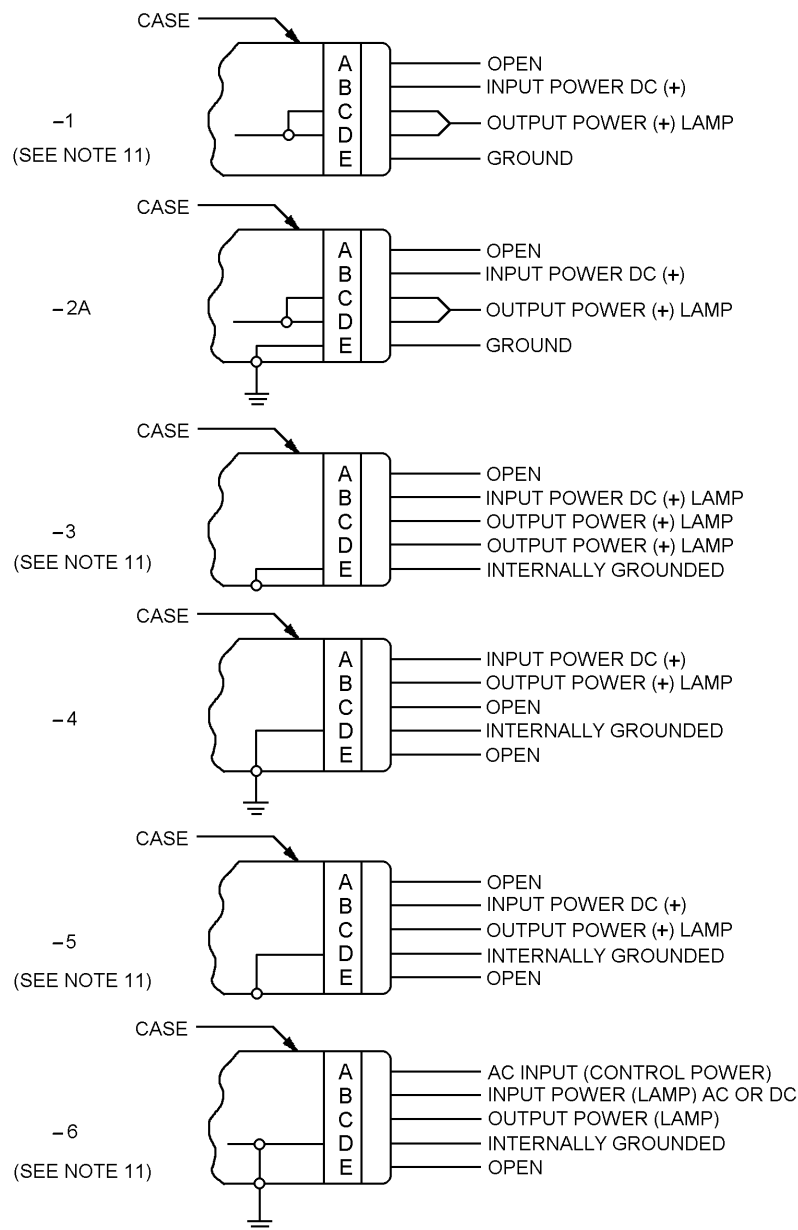
Part or identifying number (PIN)	Dimensions						Electric receptacle to conform to	Pin connections					Max wt (lbs)	Duration of life test hours	Supersedes
	L	W	H	D	C	E		A	B	C	D	E			
MS24577-1 See note 11	2.000 (50.80)	2.500 (63.50)	2.594 (65.89)	.175 (4.45)	.250 (6.35)	1.125 (25.58)	MS33678-16S-8P	Not 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)	5.62 (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)	5.62 (14.57)	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  $\pm 0.010$  (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  $80 \pm 10$  F/M.
7. For allowable voltage variation see 3.5.2.
8. Allowable voltage variation  $\pm 5.0$  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  $\Delta$  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.

# MS24577F



Custodians:  
 Army - AV  
 Navy - AS  
 Air Force - 11  
 DLA - CC

Preparing activity:  
 DLA - CC

Review activities:  
 Air Force - 99  
 Navy - MC

(Project 5945-1185)