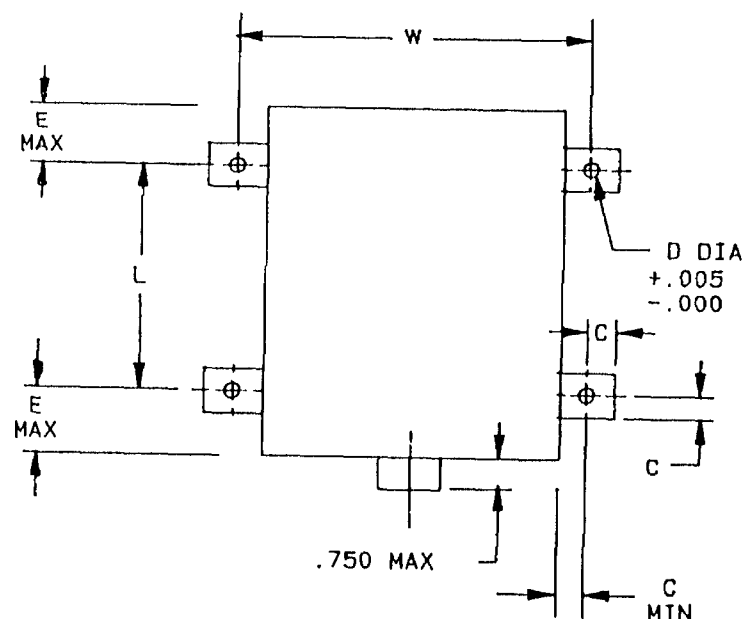
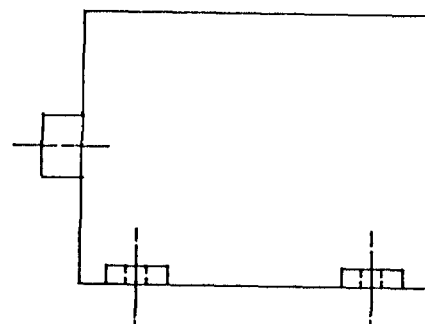
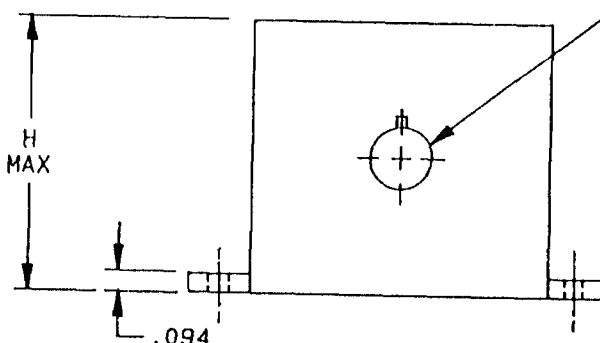


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Inches	mm	Inches	mm
.005	0.13	1.125	28.58
.094	2.39	1.230	31.24
.175	4.45	1.500	38.10
.180	4.57	2.000	50.80
.188	4.78	2.230	56.64
.200	5.08	2.500	63.50
.218	5.54	2.562	65.07
.250	6.35	2.594	65.89
.260	6.60	2.640	67.06
.375	9.52	2.750	69.85
.380	9.65	2.940	74.68
.500	12.70	3.000	76.20
.562	14.27	3.120	79.25
.625	15.88	3.375	85.72
.688	17.48	3.500	88.90
.750	19.05	3.750	95.90
.870	22.10	4.000	101.60
.880	22.35	4.500	114.30
1.000	25.40	5.375	136.52

ELECTRIC RECEPTACLE WITHIN  
1 INCH OF VERTICAL CENTERLINE  
WITH POLARIZING KEY AT TOP.  
HEIGHT OPTIONAL

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is .010 (0.25 mm).
4. The flasher need not have the shape shown, but shall be contained within the outline shown.
5. Allowable voltage variation shall be in accordance with MIL-F-26301.
6. Allowable frequency variation is  $\pm 5.0$  percent of rated frequency.
7. Flash rate shall be  $90 \pm 10$  flashes per minute.
8. The voltage drop within the flasher shall not exceed 5.0 percent of the input voltage for any value of load within the limits specified in MIL-F-26301.
9. MS25205-1, -3, -6, and -8 through -11 are canceled without replacement.
10. MS25205-2 is superseded by MS24577-4.
11. MS25205-4 is superseded by MS24577-2A.
12. Classes A, B, K, R, and F of MS3106 are inactive for new design.
13. MS3106E is canceled. For existing designs use MS3106F for connectors with clamp and MS3106R for connectors with grommet seal.

Revision letters are not used to denote changes due to the extensiveness of the changes.

PREPARING ACTIVITY: Navy - AS CUSTODIANS: ARMY - NAVY - AIR FORCE - DLA - Agent: DLA - ES	TITLE MILITARY SPECIFICATION SHEET FLASHER, SOLID STATE, AIRCRAFT LIGHT	SPECIFICATION SHEET NUMBER MS25205F(AS) 12 July 1991
REVIEW: USER: PROJECT NUMBER: 5945-N718		SUPERSEDING MS25205E(AS) 21 March 1974
DISTRIBUTION STATEMENT	A: Approved for public release; distribution is unlimited.	AMSC N/A FSC 5945
		Page 1 of 4

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THIS SPECIFICATION IS APPROVED FOR USE BY all Departments  
Agencies of the Department of Defense.

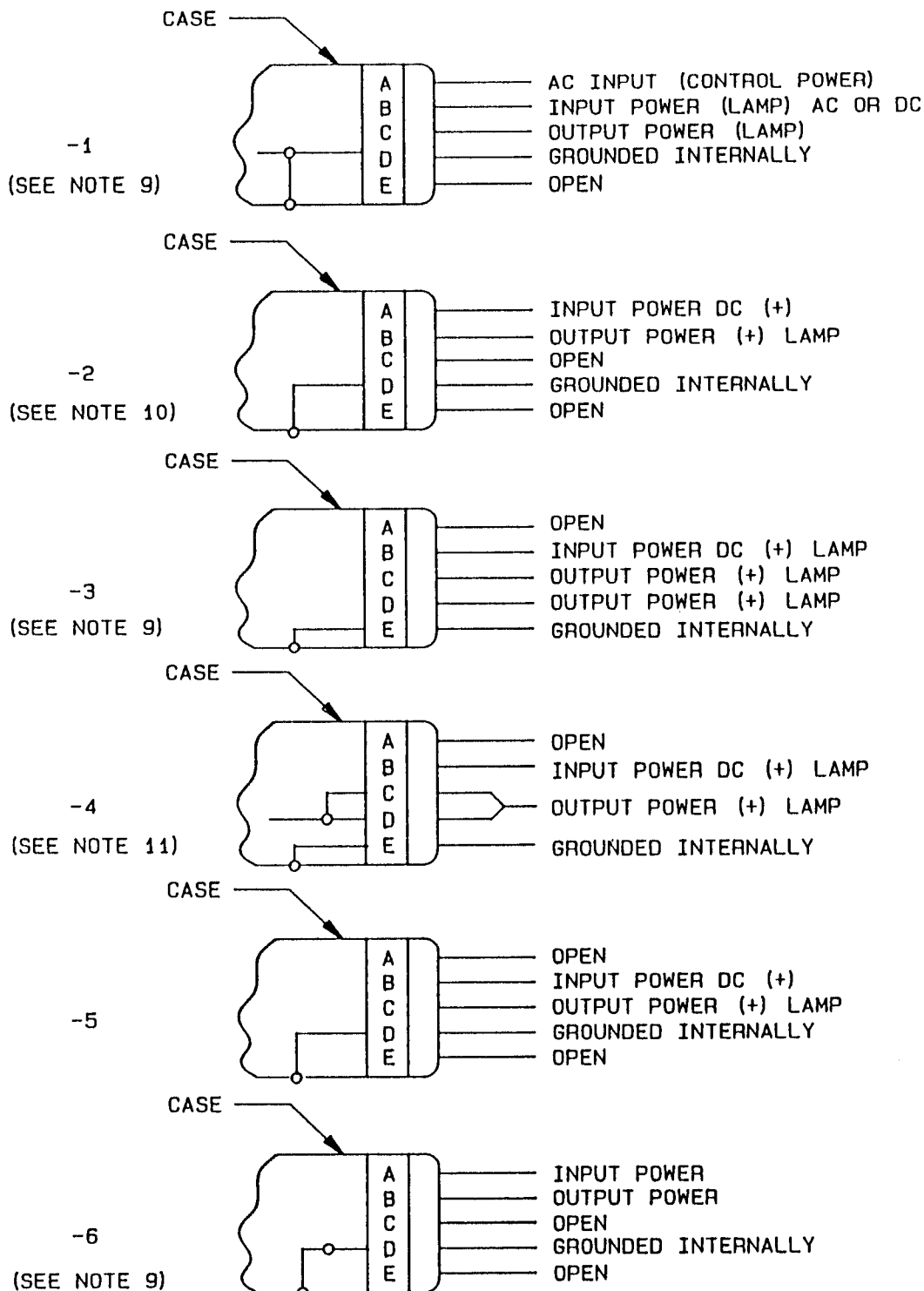
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OMB No. 0704-0188

Dash no.	L	W	H	D	C	E	Receptacle to mate with plug (see notes 12, 13)	pin connections				Max. wt., lbs.	Duration of life, test hours
								A	B	C	D		
-1 (Note 9)	2.750	3.500	2.594	.200	.250	.562	MS3106-18-4S	Input 115 V ac 0.22 amp.	Input 115 V ac or 28 V dc 7.5 amp.	Output 115 V ac or 28 V dc 7.5 amp.	Grounded internally	2.5	1,000
-2 (Note 10)	2.750	3.500	2.594	.200	.250	.562	MS3106-14-5S	Input 28 V dc 7.7 amp.	Output 28 V dc 7.5 amp.	Spare	Grounded internally	2.5	1,000
-3 (Note 9)	3.000	5.375	4.500	.260	.375	.688	MS3106-16S-8S	Spare	Input 28 V dc 5.2 amp.	Output 28 V dc 5.0 amp.	Grounded internally	4.	300
-4 (Note 11)	2.000	2.500	2.594	.175	.250	1.125	MS3106-16S-8S	Spare	Input 28 V dc 5.2 amp.	Output 28 V dc, 5.0 amp., pins internally connected	Grounded internally	1.5	800
-5	1.500	2.000	2.594	.175	.250	1.125	MS3116-8-4S	Spare	Input 28 V dc 1.2 amp.	Output 28 V dc 1.0 amp.	Grounded internally	.75	1,000
-6 (Note 9)	2.750	3.500	3.120	.200	.250	.562	MS3116-10-6S	Input 28 V ac or dc 15.3 amp.	Output 28 V ac or dc 15.0 amp.	Spare	Grounded internally	2.5	1,000
-7	2.000	2.750	2.230	.180	.380	.870	MS3106-16S-8S	Input 115 V ac 4.1 amp.	Spare	Output 115 V ac 4.0 amp.	Grounded internally	1.0	1,000
-8 (Note 9)	2.000	2.500	2.562	.188	.250	.880	MS3106-16S-8S	Spare	Input 115 V ac 2.1 amp.	Output 115 V ac, 2.0 amp.	Grounded internally	1.0	1,000
-9 (Note 9)	2.000	2.750	2.230	.180	.625	1.230	MS3106-16S-8S	Input 115 V ac 0.3 amp.	Spare	Output 28 V ac 1.0 amp.	Grounded internally	1.5	1,000
-10 (Note 9)	3.750	3.375	2.640	.218	.380	.625	MS3106-18-11S	Input 115 V ac 2.0 amp.	Spare	Output 28 V ac 7.5 amp.	Grounded internally	3.2	1,000
-11 (Note 9)	4.000	4.000	2.940	.218	.500	.500	MS3106-18-11S	Input 115 V ac 4.4 amp.	Spare	Output 28 V ac 15 amp.	Grounded internally	5.0	1,000

PREPARING ACTIVITY: Navy - AS CUSTODIANS: ARMY - NAVY. AIR FORCE - DLA. Agent: DLA - ES REVIEW: USER: PROJECT NUMBER: 5945-N718	TITLE FLASHER, SOLID STATE, AIRCRAFT LIGHT	SPECIFICATION SHEET NUMBER <b>MS25205F(AS)</b> 12 July 1991 SUPERSEDING MS25205E(AS) 21 March 1974 AMSC N/A FSC 5945
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PROJECT NUMBER: 5945-N718

**MILITARY SPECIFICATION SHEET**  
TITLE  
FLASHER, SOLID STATE,  
AIRCRAFT LIGHT

SPECIFICATION SHEET NUMBER

**MS25205F(AS) 12 July 1991**

SUPERSEDING  
MS25205E(AS) 21 March 1974

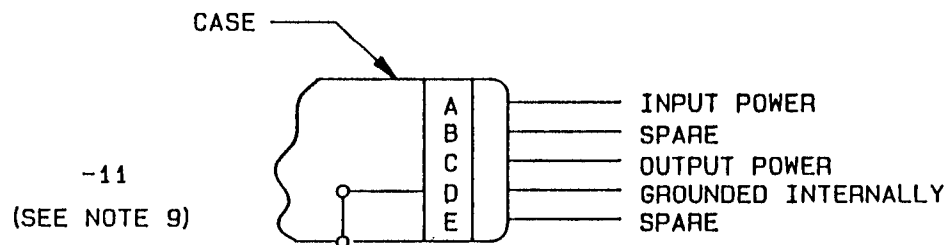
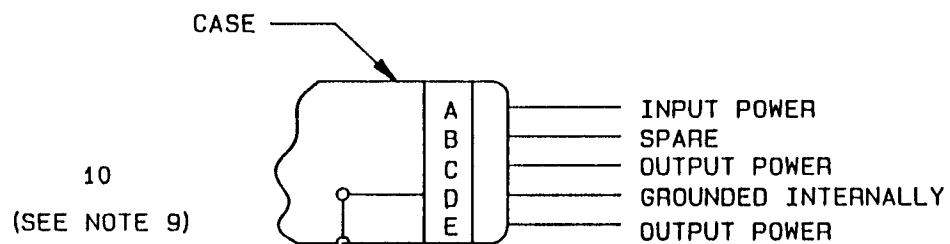
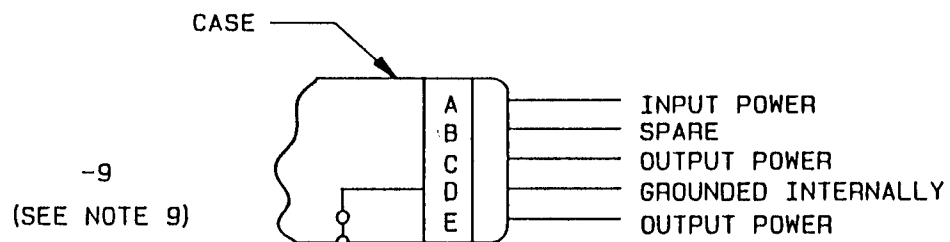
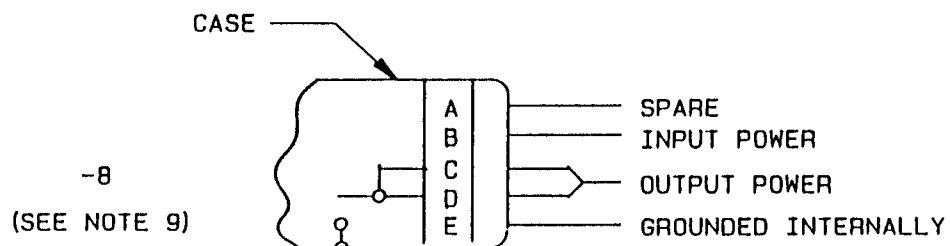
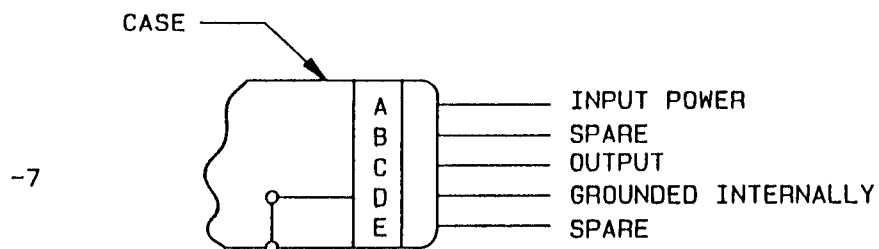
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**MILITARY SPECIFICATION SHEET**  
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FLASHER, SOLID STATE,  
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