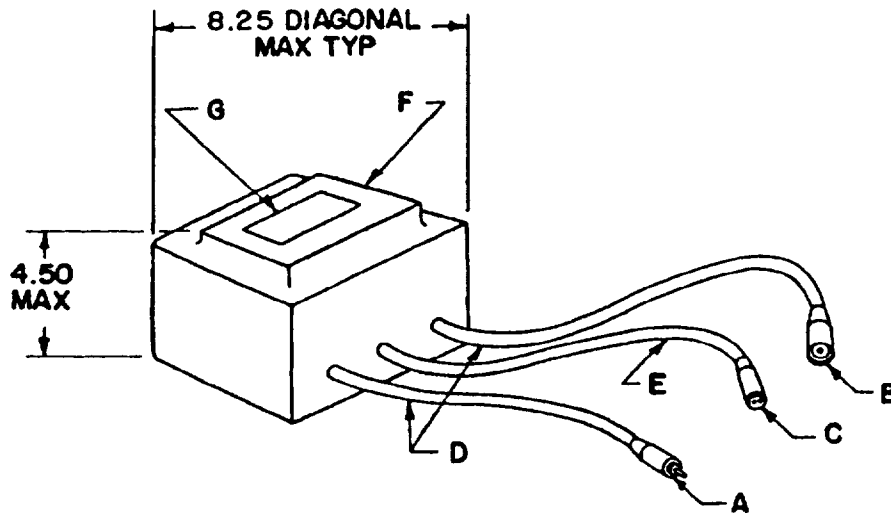
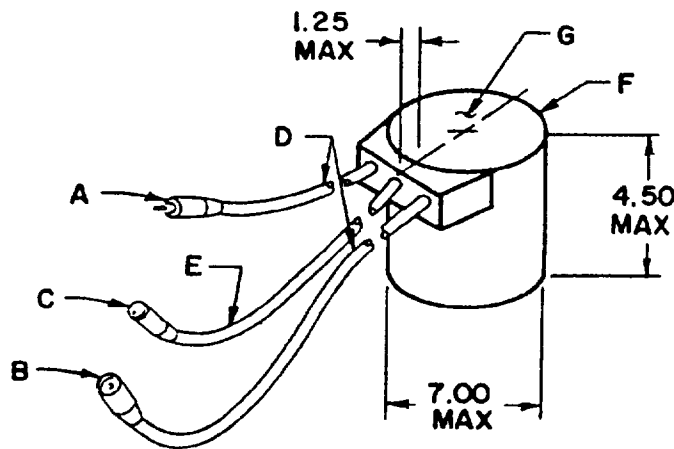


4E REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL  
SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN 1,  
DODISS SPECIFIED IN THE SOLICITATION. MIL-T-27535.



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PREPARING ACTIVITY Air Force-85  
CUSTODIANS ARMY NAVY-  
AIR FORCE-85 DLA-  
NAVY-YD  
REVIEW Air Force-99, 11; DLA-ES  
USER  
PROJECT NUMBER 5950-0760

MILITARY SPECIFICATION SHEET  
TITLE  
TRANSFORMER, POWER,  
ISOLATION; AIRPORT LIGHTING,  
500W/20A/20A/5000V

SPECIFICATION SHEET NUMBER  
**MS27302C** 15 Nov 1990  
SUPERSEDING  
MS27302B 18 Aug 1965  
AMSC- N/A FSC- 5950

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Page 1 of 2

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THIS SPECIFICATION  
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THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION MIL-T-27535

ELECTRICAL CHARACTERISTICS					
PRI AMP	PRI PWR FACTOR MIN %	EFFICIENCY MIN %	MAX SEC VOLTS RMS	SECONDARY AMPS	LOAD
20	95	90		19 8-20 2	1 3 OHMS (a)
20				20.0-22 0	SHORT CIRCUITED
20			70	0	OPEN CIRCUITED
15.8				15 6-16 3	1.1 OHMS (a)
12 4				12 2-12 9	0 9 OHMS (a)
10.3				10 2-10 8	0.8 OHMS (a)
8.5				8 4- 8 9	0 7 OHMS (a)

(a) THE LOAD MAY BE EITHER A 500W, 20A LAMP OR THE OHMIC RESISTANCE SPECIFIED.

- A PLUG FIGURE 6a FAA SPECIFICATION L-823
- B RECEPTACLE FIGURE 6b FAA SPECIFICATION L-823
- C RECEPTACLE FIGURE 1c FAA SPECIFICATION L-823
- D. PRIMARY CABLE
- E. SECONDARY CABLE.
- F. CASE
- G IDENTIFICATION MARKING (LOCATION OPTIONAL)

PART NO	LEAD LENGTH INCHES	
	D	E
MS27302-1	30 $\pm$ 3	54 $\pm$ 3

IN COMPUTING EFFICIENCY, CORRECTION SHALL BE MADE FOR LEAD LOSSES

MAXIMUM WEIGHT 25 POUNDS

DIMENSIONS IN INCHES.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID

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PREPARING ACTIVITY Air Force-85  
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