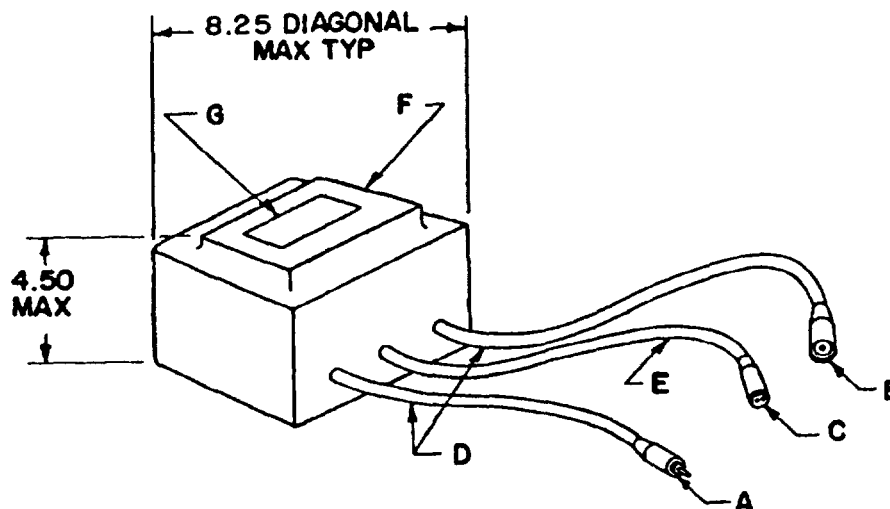
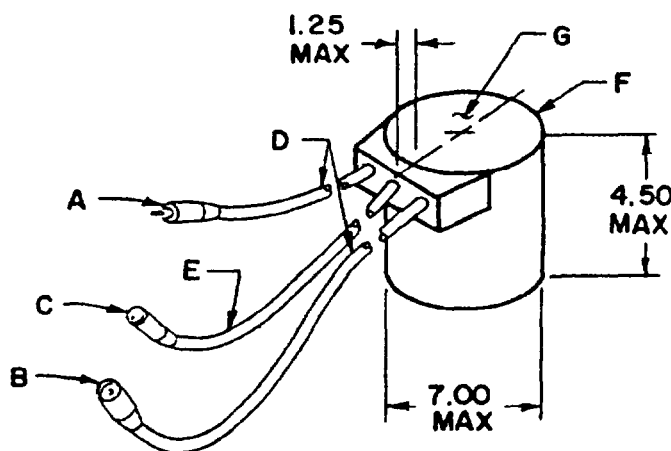


4E REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL BE THE LATEST ISSUE OF THE SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THE DODISS SPECIFIED IN THE SOLICITATION. MIL-T-27535.

THIS SPECIFICATION IS APPROVED FOR USE BY ALL Departments and Agencies of the Department of Defense



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© Denotes Changes

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
SUPERSEDED BY
MS27302B 18 Aug 1965
AMSC- N/A FSC- 5950

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

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 SUPERSEDING MS27302B 18 Aug 1965 AMSC- N/A FSC 5950
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