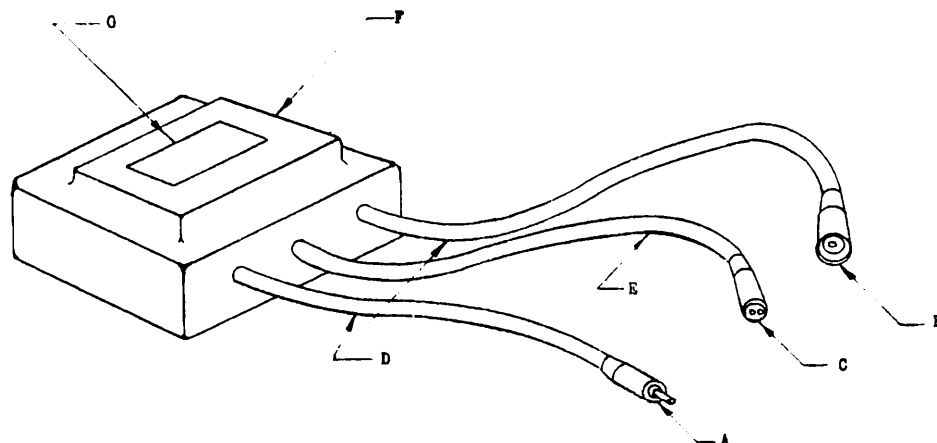


FED. SUP CLASS  
5950

## ELECTRICAL CHARACTERISTICS

PRI AMP	PRI PWR FACTOR MIN %	EFFICIENCY MIN %	MAX SEC VOLTS RMS	SECONDARY AMPS A	LOAD
6.6	95	90		19.8-20.2	0.8 OHMS (a)
6.6				20 -22	SHORT CIRCUITED
6.6			70	0	OPEN CIRCUITED
5.2				15.6-16.3	0.6 OHMS (a)
4.2				12.2-12.9	0.5 OHMS (a)
3.4				10.2-10.8	0.45 OHMS (a)
2.8				8.4- 8.9	0.4 OHMS (a)

(a) THE LOAD MAY BE EITHER A 300W, 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
MS27306-1	30 ±3	54 ±3

IN COMPUTING EFFICIENCY, CORRECTION SHALL BE MADE FOR LEAD LOSSES.

MAXIMUM WEIGHT 20 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.

P.A. USAP - 11  
 Other Cust  
 Navy - WP

TITLE

TRANSFORMER, POWER, ISOLATION, AIRPORT LIGHTING,  
 300W/6.6A/20A/5000V

MILITARY STANDARD

MS27306(ASG)

PROCUREMENT SPECIFICATION

SUPERSEDES:

SHEET 1 OF 1

USAP - 85, 11  
 Navy - WP

Review activities

Department of the Air Force (11) and the

a standard has been approved by the Department of the Air Force (11) and the  
 Department of the Navy and is mandatory for use by  
 activity. All other military activities are required  
 to employ this standard where suitable.

APPROVED 11 Dec 64  
 REVISED A 18 Aug 65