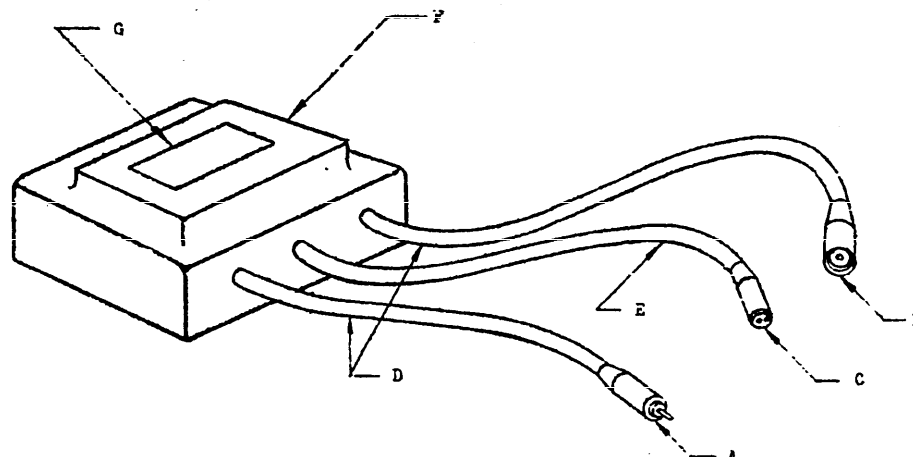


FED. SUP CLASS
5950

ELECTRICAL CHARACTERISTICS					
PRI AMP	PRI PWR FACTOR MIN %	EFFICIENCY MIN %	MAX SEC VOLTS RMS	SECONDARY AMPS	LOAD
20	95	90		6.53-6.67	7.2 OHMS (a)
20				6.6-7.1	SHORT CIRCUITED
20			135	0	OPEN CIRCUITED
15.8				5.1-5.4	5.9 OHMS (a)
12.4				4.0-4.3	4.8 OHMS (a)
10.3				3.3-3.6	4.2 OHMS (a)
8.5				2.7-3.0	3.8 OHMS (a)

(a) THE LOAD MAY BE EITHER A 300W, 6.6A 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
MS27153-1	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. USAF - 11 Other Cust Navy - WP	TITLE TRANSFORMER, POWER, ISOLATION; AIRPORT LIGHTING, 300W/20A/6.6A/5000V	MILITARY STANDARD MS27153(ASG)
PROCUREMENT SPECIFICATION MIL-T-27535	SUPERSEDES:	SHEET 1 OF 1

APPROVED 15 May 64 REVISED 18 Aug 65

Review activities
 USAF - 85, 11
 Navy - WP

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