



ELECTRICAL CHARACTERISTICS					
PRI	EFF. FACTOR MIN %	EFFICIENCY MIN %	MAX SEC VOLTS RMS	SECONDARY AMPS	LOAD
20	95	90		19.8-20.2	0.8 OHMS (a)
				20.0-20.6	SHORT CIRCUITED
			70	0	OPEN CIRCUITED
15.8				15.6-16.3	0.6 OHMS (a)
12.4				12.2-12.8	0.5 OHMS (a)
10.3				10.2-10.8	0.45 OHMS (a)
8.5				8.2-8.9	0.4 OHMS (a)

(a) THE LOAD MAY BE EITHER A 300W, 20A LAMP OR THE OHMIC RESISTANCE SPECIFIED.

- A. PRIMARY WINDING PER MIL SPECIFICATION L-823.
 B. RECEPTACLE PLUG PER MIL SPECIFICATION L-823.
 C. RECEPTACLE PLUG PER MIL SPECIFICATION L-823.
 D. PRIMARY CASE.
 E. SECONDARY CASE.
 F. CASE.
 G. IDENTIFICATION MARKINGS (LOCATION OPTIONAL).

PART NO.	LEAD LENGTH INCHES	
	D	E
MS27305-1	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 INVITATION FOR BID.

P.A. USAP - II Other Cust Navy - WP	TITLE TRANSFORMER, POWER, ISOLATION, AIRPORT LIGHTING, 300W/20A/20A/5000V	MILITARY STANDARD MS27305(ASG)
PROCUREMENT SPECIFICATION MIL-T-27335	SUPERSEDES.	SHEET 1 OF 1

Review Activities
USAF - 85.11
Navy - WP

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

APPROVED FOR USE BY THE DEPARTMENT OF THE AIR FORCE AND THE DEPARTMENT OF THE NAVY
REVISED 1965