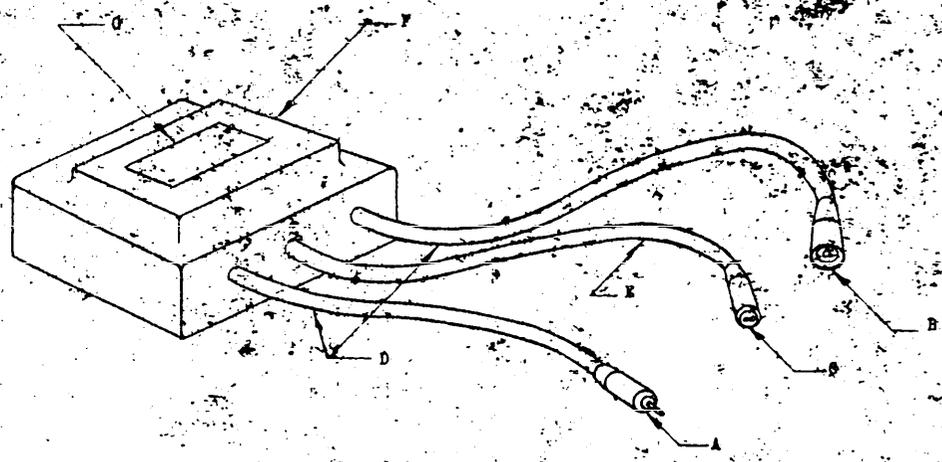


FED. SPEC. 49100-10-01



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

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

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

PART NO.	LEAD LENGTH TOLERANCE	
	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 OF DATE OF INVITATIONS FOR BID.

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 those activities. All other military activities are required to employ this standard where suitable.

Review Categories USAF - 85.11 Navy - WP

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

P-A USAF - 11 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