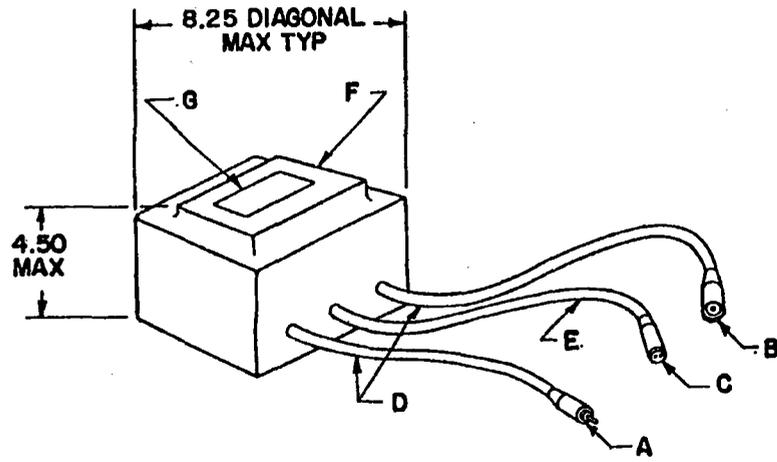
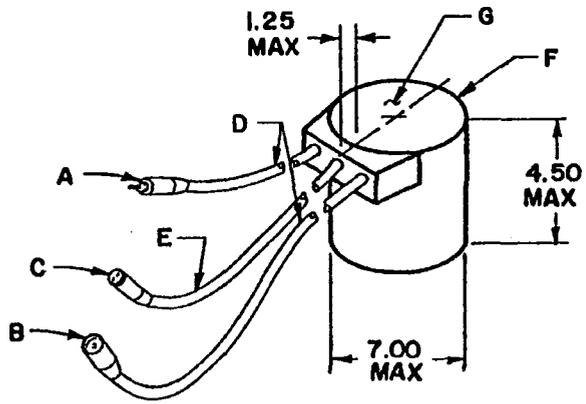


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-T-27535

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



© ENVELOPE OPTION 1



© ENVELOPE OPTION 2

(B) Denotes Changes

PREPARING ACTIVITY: Air Force-85 CUSTODIANS: ARMY - NAVY - AIR FORCE - 85 DLA - Navy-AS, YD REVIEW: Air Force-99, 11; DLA-E5 USER: PROJECT NUMBER: 5950-0759	MILITARY SPECIFICATION SHEET TITLE TRANSFORMER, POWER, ISOLATION; AIRPORT LIGHTING, 300W/6.6A/6.6A/5000V	SPECIFICATION SHEET NUMBER MS27134B 15 Nov 1990 SUPERSEDING MS27134A 18 Aug 1965 AMSC - N/A FSC - 5950
DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.		Page 1 of 2

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-T-27535.

ELECTRICAL CHARACTERISTICS					
PRI AMP	PRI PWR FACTOR MIN %	EFFICIENCY MIN %	MAX SEC VOLTS RMS	SECONDARY AMPS	LOAD
6.6	95	90		6.53-6.67	7.2 OHMS (a)
6.6				6.6 -7.1	SHORT CIRCUITED
6.6			135	0	OPEN CIRCUITED
5.2				5.1 -5.4	5.9 OHMS (a)
4.1				4.0 -4.3	4.8 OHMS (a)
3.4				3.3 -3.6	4.2 OHMS (a)
2.8				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 AS SPECIFIED IN TABLE.
 - D. PRIMARY CABLE (SEE TABLE).
 - E. SECONDARY CABLE (SEE TABLE).
 - F. CASE.
 - G. IDENTIFICATION MARKING (LOCATION OPTIONAL).

PART NO.	C	LEAD LENGTH INCHES	
		D	E
MS27134-1	FIG 1b FAA SPEC L-823	18 ⁺³ ₋₁	12 ⁺³ ₋₁
MS27134-2	FIG 1c FAA SPEC L-823	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.

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

PREPARING ACTIVITY: Air Force-85 CUSTODIANS: ARMY. NAVY. AIR FORCE-85 DLA- Navy-AS, YD REVIEW: Air Force-99, 11; DLA-ES USER: PROJECT NUMBER: 5950-0759	MILITARY SPECIFICATION SHEET TITLE TRANSFORMER, POWER, ISOLATION: AIRPORT LIGHTING, 300W/6.6A/6.6A/5000V	SPECIFICATION SHEET NUMBER MS27134B SUPERSEDING MS27134A 18 Aug 1965 AMSC- N/A FSC- 5950
DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.		Page 2 of 2