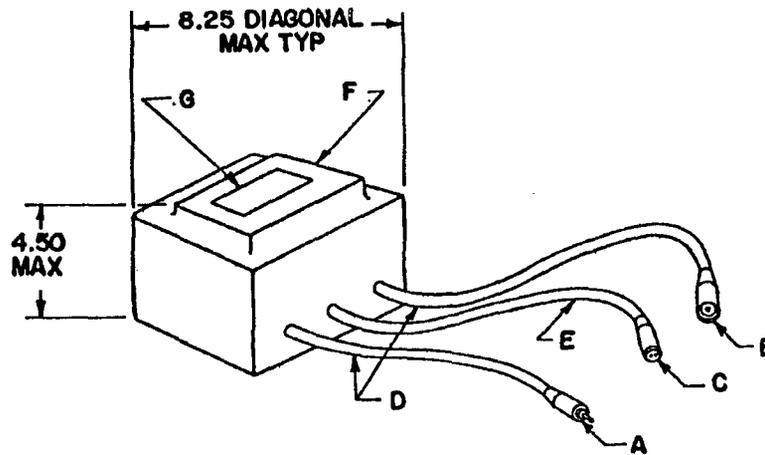
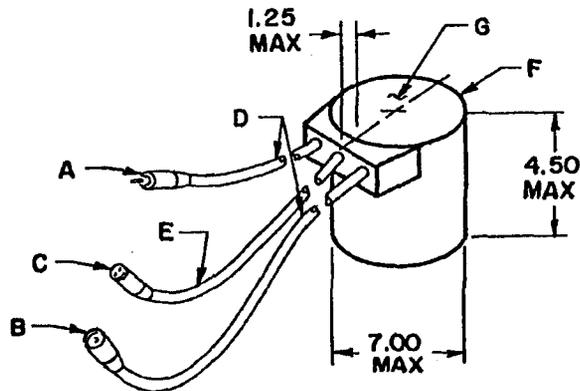


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-T-27535.

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



© ENVELOPE OPTION 1



© ENVELOPE OPTION 2

© Denotes Changes

| | | |
|---|--|--|
| <p>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: 5950-0763</p> | <p>MILITARY SPECIFICATION SHEET TITLE TRANSFORMER, POWER, ISOLATION; AIRPORT LIGHTING 30-45W/6.6A/6.6A/5000V</p> | <p>SPECIFICATION SHEET NUMBER MS27289C 15 Nov 1990 SUPERSEDING MS27289B 18 Aug 1965 AMSC - N/A FSC - 5950</p> |
| <p>DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.</p> | | <p>Page <u>1</u> of <u>2</u></p> |

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Form Approved
OMB No. 0704-0188

| ELECTRICAL CHARACTERISTICS | | | | | |
|----------------------------|----------------------|------------------|-------------------|----------------|-----------------|
| PRI AMP | PRI PWR FACTOR MIN % | EFFICIENCY MIN % | MAX SEC VOLTS RMS | SECONDARY AMPS | LOAD |
| 6.6 | 95 | 80 | | 6.53-6.67 | 1.1 OHMS (a) |
| 6.6 | | | | 6.6 -7.1 | SHORT CIRCUITED |
| 6.6 | | | 25 | 0 | OPEN CIRCUITED |
| 5.2 | | | | 5.1 -5.4 | 0.9 OHMS (a) |
| 4.1 | | | | 4.0 -4.3 | 0.7 OHMS (a) |
| 3.4 | | | | 3.3 -3.6 | 0.6 OHMS (a) |
| 2.8 | | | | 2.7 -3.0 | 0.5 OHMS (a) |

- (a) THE LOAD MAY BE EITHER A 45W, 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 |
| MS27289-1 | 30 ±3 | 54 ±3 |

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

MAXIMUM WEIGHT 10 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.

| | | |
|---|---|--|
| Navy-AS, YD REVIEW: Air Force-99, 11; DLA-ES USER: PROJECT NUMBER: 5950-0763 | ISOLATION; AIRPORT LIGHTING 30-45W/6.6A/6.6A/5000V | SUPERSEDING MS27289B 18 Aug 1965 AMSC. N/A fsc. 5950 |
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