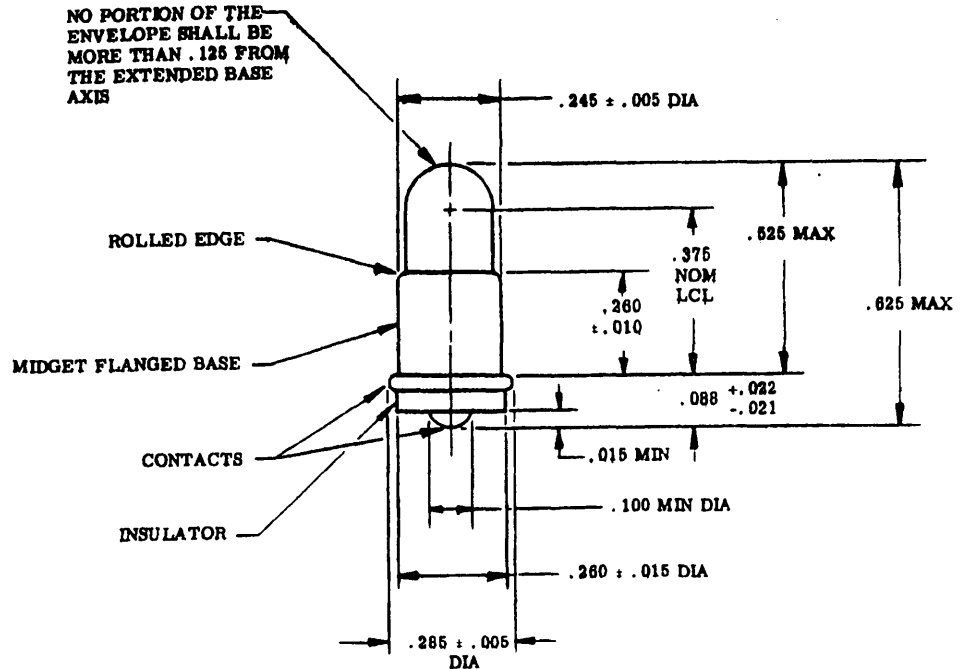


FED. SUP CLASS  
6240USER SYMBOLS:  
ARMY - ME  
NAVY - MCREVIEWER SYMBOLS:  
ARMY - MU, AVEL  
NAVY - SH, EC  
USAF - 11

"Review/user information is current as of the date of this document.  
For future coordination of changes to this document, draft circulation  
should be based on the information in the current DODISS."

"This military standard is approved for use by all Departments  
& Agencies of the Department of Defense. Selection for all new  
engineering and design applications and for repetitive use shall  
be made from this document."



## REQUIREMENTS:

1. THE ENVELOPE NEED NOT HAVE THE SHAPE SHOWN, BUT THE ENVELOPE, INCLUDING ANY COATING THEREON, SHALL BE CONTAINED WITHIN THE OUTLINE SHOWN.
2. THE DASH NO. OF THE LAMP, AND THE MANUFACTURER'S TRADEMARK OR AN ABBREVIATION OF THE MANUFACTURER'S NAME, SHALL BE MARKED ON THE BASE OF EACH LAMP.
3. REQUIREMENTS HEREIN SHALL BE MET WITH THE DESIGN VOLTS LISTED ABOVE, AND A FREQUENCY OF  $400 \pm 20$  Hz APPLIED TO THE CONTACTS OF THE LAMP.
4. LIGHT EMITTED BY RED LAMPS SHALL CONFORM TO MIL-C-25050. FOR INSTRUMENT AND PANEL LIGHTING RED, THE COLOR MAY BE ATTAINED BY EITHER COLORED GLASS OR A COATING ON THE GLASS.
5. DIMENSIONS IN INCHES. DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5.

\*\* CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASCC12/2 AND STANAG 3544. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES IF REQUIRED.

D STANDARD REVISED &amp; SHEET 2 ADDED

P.A. NAVY - AS Other Cust USAF - 99 ARMY - ME	INTER- NATIONAL INTEREST **	TITLE  LAMP, INCANDESCENT, SINGLE CONTACT MIDGET FLANGED BASE (T-1-3/4 BULB)	MILITARY STANDARD  <b>MS25237</b>
PROCUREMENT SPECIFICATION MIL-L-6363	SUPERSEDES ANS140, MS15544, MS17247, MS18200	SHEET 1 OF 2	

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROJECT NO. 6240-0322 PLATE NO. 230

APPROVED 27 MAR 57 REVISED (D) 16 JAN 78

PDR: MIP CLASS  
8240USER SYMBOLS:  
ARMY - ME  
NAVY - MCREVIEWER SYMBOLS:  
ARMY - MU, AV, EL  
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be made from this document.

DASH NO. AND TRADE NO.	DESIGN VOLTS	DESIGN AMPERES	COLOR OF BULB	SPHERICAL CANDLE POWER SCP	AVERAGE LIFE, HOURS	SUPERSEDES
-327	28	.04	CLEAR	.34 ±25%	1,000	MS16544-2, AN3140-327
-327R			RED	.03 ±50%		AN3140R327, MS25237-327RAS15
-327AS15			CLEAR	.34 ±15%		
<del>-327RAS15</del>			RED	.03 ±50%		MS17247-327TR (SEE NOTE 6)
-328	6	.80	CLEAR	.34 ±25%		MS16544-1, AN3140-328
-328R			RED	.03 ±50%		MS16544-3, MS25237-328RAS15
-328AS10			CLEAR	.34 ±10%		
<del>-328RAS15</del>			RED	.03 ±50% *		(SEE NOTE 6)
<del>-329</del>	14	.08	CLEAR	.50 APPROX	750	(SEE NOTE 6)
-338	2.7	.08		.04 APPROX	500	
-368	2.5	.20		.20 ±25%		
-387	28	.04		.30 ±25%	7,000	MS18209-387
-387R		RED	.03 ±50%		MS18209-387R	
-381	6.3	.20	CLEAR	.40 ±20%	20,000	
-381R			RED	.04 ±25%		
-385AS15	28	.04	CLEAR	.15 ±15%	10,000	
-8918	14	.100 NOM	CLEAR	.50 APPROX.	10,000	MS25237-330

\*OPERATED AT 5 VOLTS

## NOTES:

1. THE DESIGNATION AS11 OR AS10 AFTER THE DASH NO. INDICATES THAT THESE LAMPS ARE AGED AT RATED VOLTS FOR A MINIMUM OF 10 HOURS, AND ARE SELECTED TO HAVE A ±15% OR ±10% TOLERANCE AS APPLICABLE.
2. THIS STANDARD CONTAINS TYPE I LAMPS OPERATED AT AN AMBIENT TEMPERATURE UP TO 120°F.
3. USE TYPE 387 LAMPS IN LIEU OF TYPE 327 LAMPS EXCEPT WHEN REQUIRED FOR USE IN CALIBRATED AIRCRAFT INSTRUMENT AND CONTROL PANEL LIGHTING.
4. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
5. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKE PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
6. MS25237-327RAS15, -328RAS15 AND -330 ARE INACTIVE FOR DESIGN AFTER 16 JAN 1978. MS25237-327R, -328R AND -8918 REPLACE AND ARE UNIVERSALLY, FUNCTIONALLY, AND DIMENSIONALLY INTERCHANGEABLE WITH MS25237-327RAS15, -328RAS15 AND -330 RESPECTIVELY.

U.S. GOVERNMENT PRINTING OFFICE: 1978-703-122/1616

APPROVED 27 MAR 57 REVISED (D) FOR CHANGES SEE SHEETS 1 &amp; 2

P.A. NAVY - AS Other Cpt	INTER- NATIONAL INTEREST *1	TITLE  LAMP, INCANDESCENT, SINGLE CONTACT MIDGET PLANGED BASE (T-1-3/4 BULB)	MILITARY STANDARD  MS25237
PROCUREMENT SPECIFICATION: SUPERSEDES MIL-L-6302 AN3140, MS16544, MS17247, MS18204			SHEET 2 OF 2

DD FORM 672-1 (Reprinted)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO. 23065