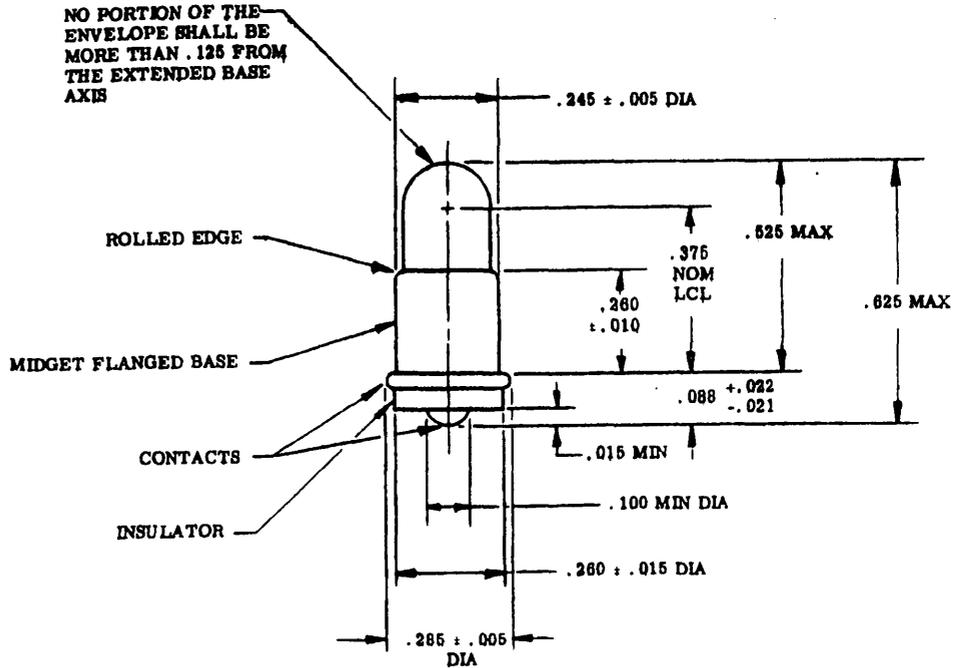


USER SYMBOLS:  
ARMY - ME  
NAVY - MC

REVIEWER SYMBOLS:  
ARMY - MU, AV, EL  
NAVY - SH, EC  
USAF - 11

"Revision/series information is current as of the date of this document.  
For future coordination of changes to this document, draft circulation  
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"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 ± 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 & SHEET 2 ADDED

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

FOR SUP CLASS  
8240USER SYMBOLS:  
ARMY - ME  
NAVY - MCREVISOR SYMBOLS:  
ARMY - MU, AV, EL  
NAVY - SH, EC  
USAF - 11"Review/user information is current as of the date of this document.  
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B Agencies of the Department of Defense Selection for all new  
engineering and design applications and for repairs unless  
so 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%	750	MS16544-1, AN3140-328
-328R			RED	.03 ±50%		MS16544-3, MS25237-328RAS15
-328AB10			CLEAR	.34 ±10%		
<del>-328RAS15</del>			RED	.03 ±50% *		(SEE NOTE 6)
<del>-329</del>	14	.08		.50 APPROX	750	(SEE NOTE 6)
-338	2.7	.08	CLEAR	.04 APPROX	600	
-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:

- 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.
- THIS STANDARD CONTAINS TYPE I LAMPS OPERATED AT AN AMBIENT TEMPERATURE UP TO 120°F.
- USE TYPE 387 LAMPS IN LIEU OF TYPE 327 LAMPS EXCEPT WHEN REQUIRED FOR USE IN CALIBRATED AIRCRAFT INSTRUMENT AND CONTROL PANEL LIGHTING.
- 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.
- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKE PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- 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 Cus; ARMY - ME USAF - 99	INTER- NATIONAL INTEREST *1	TITLE  LAMP, INCANDESCENT, SINGLE CONTACT MIDGET PLANGED BASE (T-1-3/4 BULB)	MILITARY STANDARD
			MS25237
PROCUREMENT SPECIFICATION: MIL-L-8362		SUPERSEDES: ANS140, MS16544, MS17247, MS18209	SHEET 2 OF 2

DD FORM 672-1 (Reprinted)  
1 MAR 72

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO. 23065