

INCH-POUND

MS25231G  
 29 April 2004  
 Superseding  
 MS25231F  
 23 August 1985

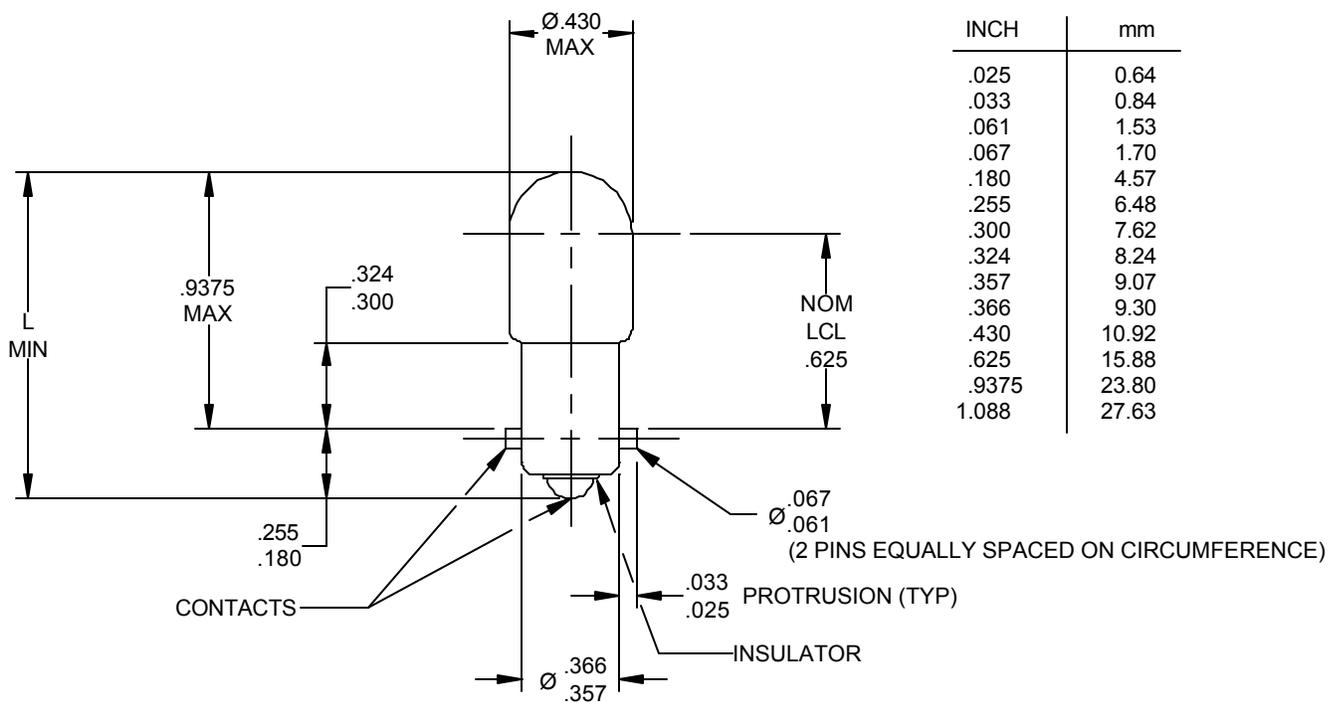
DETAIL SPECIFICATION SHEET

LAMPS, INCANDESCENT, CENTER CONTACT,  
 MINIATURE BAYONET BASE (T-3-1/4 BULB)

Inactive for new design after 30 November 1998.

This specification sheet is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-6363.



## MS25231G

TABLE I. Dimensions and dash numbers.

DASH NO. AND TRADE NO.	TYPE PER MIL-DTL- 6363	L MIN (SEE NOTE 3)	DESIGN POTENTIAL L (VOLTS)	DESIGN CURRENT (AMPERES)	COLOR OF BULB	LIGHT OUTPUT (SPHERICAL) CANDLEPOWER	AVERAGE LIFE AT DESIGN VOLTS (HOURS)	SUPERSEDES	
								MS1557 1	AN3121
-313	I	---	28	.17	CLEAR	3.34 ± 35%	500	-4	-313
-313R	I	---			RED	0.4 APPROX		-313R	
-313S	I	1.080			CLEAR	3.34 ± 35%			
-316	I	---	6	.70	CLEAR	3.5 ± 25%			
-316R	I	---			RED	0.4 APPROX			
-316S	I	1.080			CLEAR	3.5 ± 25%			
-1819	I	---	28	.04	CLEAR	0.34 ± 35%	1000	-6	-1819
-1819R	I	---			RED	0.04 APPROX			
-1819S	I	1.080			CLEAR	0.34 ± 35%			
-1829	I	---			CLEAR	1.1 APPROX			
-1873	I	---	28	.20	CLEAR	3.0 ± 25%	2500		

## 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 number of the lamp, and the manufacturer's trademark or an abbreviation of the manufacturers name, shall be marked on the base of each lamp.
3. Requirements hereon shall be met with the design voltage listed above, either DC or 400 ± 20 Hertz, applied to the contacts of the lamp.
4. Light emitted by the red lamps shall conform to SAE-AS25050 for aviation red except that it shall not be paler or yellower than NBS No. 3215 filter. The color may be attained by either colored glass or a coating on the glass.

## NOTES:

1. Dimensions in inches.
2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
3. 313S, 316S AND 1819S lamps are intended for special application in MS25331 Press-To-Test indicator light assemblies which require minimum lamp length shown for proper operation.
4. Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

## MILITARY INTEREST

## Custodians:

Army – CR4  
Navy - AS  
Air Force - 99

Preparing activity:  
DLA - IS

(Project 6240-1450)

## Review activities:

Army – AV  
Navy – EC, MC  
Air Force – 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at [www.dodssp.daps.mil](http://www.dodssp.daps.mil).