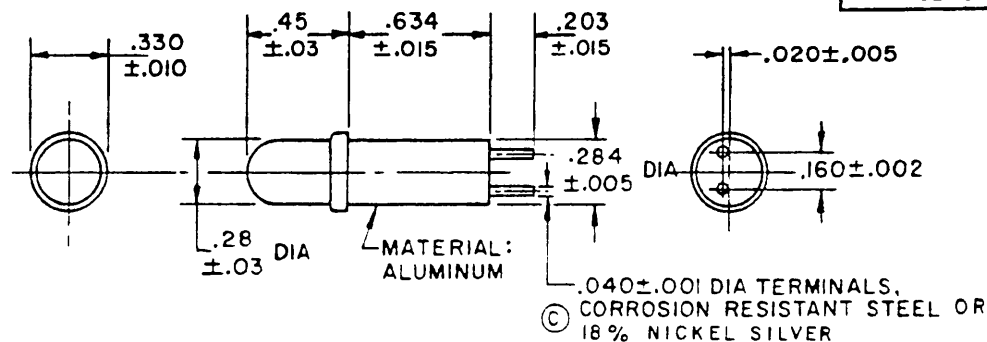


User activities: Army
Navy MC
Air Force

Reviewer activities: Army EL, MU
Navy AS, SH
Air Force II, 80
DSA-GS

This military standard is approved for use by all Departments and Agencies of the Department of Defense. It is to be used for all new contracts and design applications and for repetitive use shall be made from this document.



REQUIREMENTS:

1. The material for the lens area shall be plastic, symbol 2(-55°C to +71°C), in accordance with MIL-L-3661.
2. Marking - Marking shall be in accordance with MIL-L-3661 and as follows:

Example: MS18236-1RN

Color
Transmittance

The last two letters may be marked on the lamp cartridges at the option of the manufacturer. The complete part number shall be marked on the unit package.

3. The lamps are intended to accommodate indicator-light housings, styles LH 87 and LH90/1 and LH 90/2 of MIL-L-3661.
4. Aluminum shall be finished as specified in MIL-L-3661.
5. Lamp window color shall be as specified in MIL-L-3661.

MS part number	Circuit volts	Resistor (Ω) 1/	Current milliamps	Lamp window (color)	Lamp window (transmittance)
MS18236-1RN	110-125 A.C.	33K	1.9	Red	Nondiffusing
MS18236-1YN	110-125 A.C.	33K	1.9 ©	Yellow	Nondiffusing
MS18236-1WT	110-125 A.C.	33K	1.9	White 2/	Translucent
MS18236-1CN	110-125 A.C.	33K	1.9	Colorless	Nondiffusing
MS18236-2RN	105-125 A.C./D.C.	100K	0.6(A.C.)	Red	Nondiffusing
MS18236-2YN	105-125 A.C./D.C.	100K	0.6(A.C.)	Yellow	Nondiffusing
MS18236-2WT	105-125 A.C./D.C.	100K	0.6(A.C.)	White 2/	Translucent
MS18236-2CN	105-125 A.C./D.C.	100K	0.6(A.C.)	Colorless	Nondiffusing

1/ Resistor shall be internal, tolerance ± 20 percent.

2/ Transmittance suitable for neon lamps.

NOTES:

1. Dimensions are 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. Referenced documents shall be of the issue in effect on date of invitations for bid.
4. For design feature purposes, this standard takes precedence over documents referenced herein.

INCHES	MM	INCHES	MM
.001	.03	.160	4.06
.002	.05	.203	5.16
.005	.13	.28	7.11
.010	.25	.284	7.21
.015	.38	.330	8.38
.020	.51	.45	11.43
.03	.76	.634	16.10
.040	1.02		

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P.A. EC	International interest	TITLE	MILITARY STANDARD
Other Cust EL 82		Lamp, cartridge, stovepipe, plug in, neon, plastic (curved lens type)	MS18236
Procurement Specification		SUPERSEDES:	SHEET 1 OF 1

DD FORM 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6240 - 0301

REVISED (A) 8 OCTOBER 1968 (B) 4 JUNE 1971 (C) 13 JANUARY 1976 APPROVED