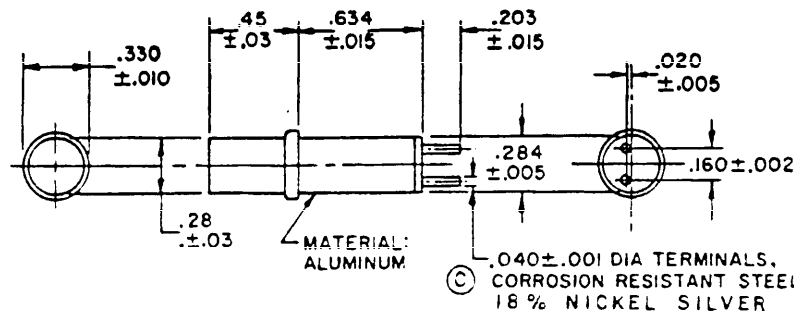


FED. SUP CLASS
6240

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. The lens face shall be suitable to accept legends.
3. Marking - Marking shall be in accordance with MIL-L-3661 and as follows.

Example: MS18237-1RN

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.

4. The lamps are intended to accommodate indicator-light housings, styles LH87 and LH90/1 and LH90/2 of MIL-L-3661.
5. Aluminum shall be finished as specified in MIL-L-3661.
6. 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)
MS18237-1RN	110-125 A.C.	33K	1.9	Red	Nondiffusing
MS18237-1YN	110-125 A.C.	33K	1.9 ③	Yellow	Nondiffusing
MS18237-1WT	110-125 A.C.	33K	1.9	White ²	Translucent
MS18237-1CN	110-125 A.C.	33K	1.9	Colorless	Nondiffusing
MS18237-2RN	105-125 A.C./D.C.	100K	0.6(A.C.)	Red	Nondiffusing
MS18237-2YN	105-125 A.C./D.C.	100K	0.6(A.C.)	Yellow	Nondiffusing
MS18237-2WT	105-125 A.C./D.C.	100K	0.6(A.C.)	White ²	Translucent
MS18237-2CN	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.

③ DENOTES CHANGE

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		

P.A. EC	International Interest	TITLE	MILITARY STANDARD
Other Cust EL 82		Lamp, cartridge, long cylindrical, plug-in, neon, plastic (flat lens type)	MS 18237
Procurement Specification		SUPERSEDES:	SHEET 1 OF 1

DD FORM 10 APR 64 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6240 - 0302

This military standard is approved for use by all Departments and Agencies of the Department of Defense. No restriction for all new engineering and design applications and for repetitive use shall be made from this document.

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

User activities: Army MC
Navy MC
Air Force

APPROVED 27 MARCH 1967 REVISED (A) 8 OCTOBER 1968 (B) 4 JUNE 1971 (C) 13 JANUARY 1976