

INCH-POUND

MS53001B

3 March 2011

SUPERSEDING

MS53001A

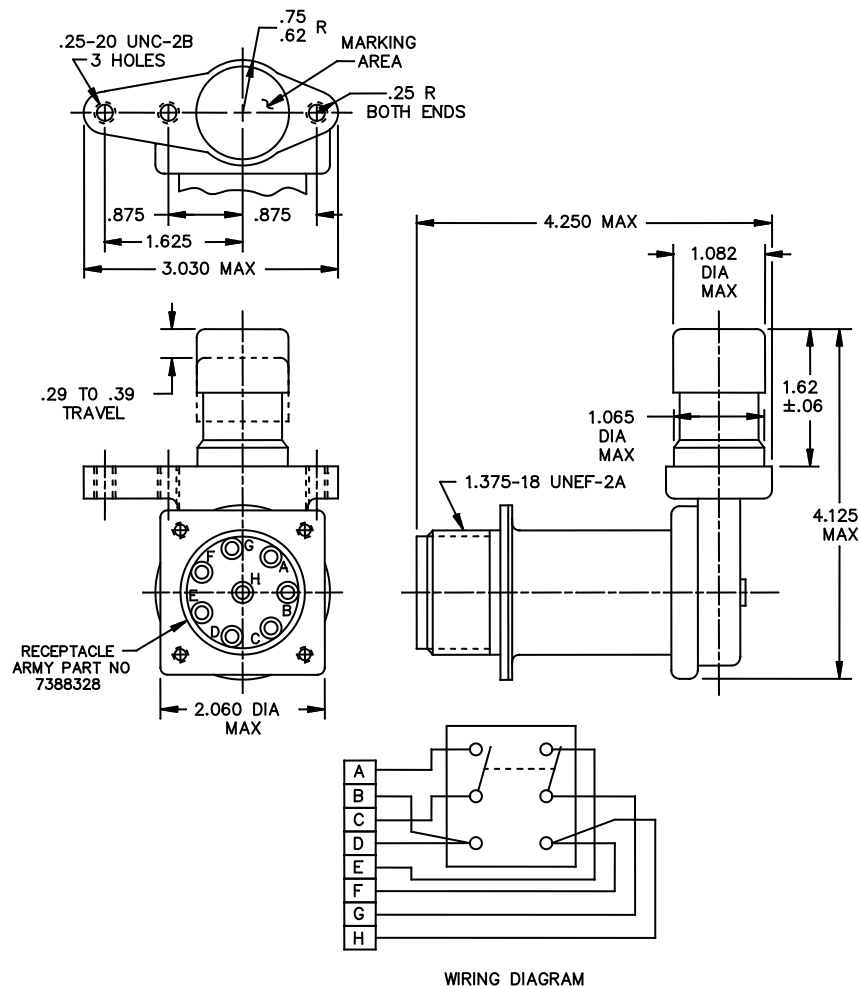
31 December 1968

DETAIL SPECIFICATION SHEET

SWITCH, BEAM SELECTING HEADLIGHT
DPDT, NO OFF, 28 VOLT DC

This specification 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 the latest issue of MIL-DTL-13625.

FIGURE 1. Dimensions and configurations.

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Typical vehicular light wiring chart		
Terminal pin	A	BO low
Terminal pin	B	Bo hi
Terminal pin	C	Bo feed
Terminal pin	E	Service low
Terminal pin	F	Service hi
Terminal pin	G	Service feed
Terminal pin	D	Hi beam indicator
Terminal pin	H	Hi beam indicator

Inches	mm	Inches	mm	Inches	mm
.06	1.5	.75	19.1	1.625	41.28
.25	6.4	.875	22.23	2.060	52.32
.29	7.4	1.065	27.05	3.030	76.96
.39	9.9	1.082	27.48	4.125	104.78
.62	15.7	1.62	41.15	4.250	107.95

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± 0.015 (0.38 mm).

FIGURE 1. Dimensions and configurations - Continued.

REQUIREMENTS:

Type III (multi-pole, double throw, no off) class B (fast make and break), grade 1 (enclosed, watertight) of acquisition specification.

15 amp resistive load, 10 amp inductive load, 8 amp lamp load.]

Pressure required to operate the switch shall be 35 pounds maximum.

Switch shall withstand a minimum pressure of 100 pounds without damage.

Switch shall not exceed a maximum weight of 14 ounces.

For design feature purposes, this standard takes precedence over acquisition documents referenced herein.

This standard is not intended to limit construction to features other than as shown hereon by dimensions, notations, and referenced documents.

Referenced documents shall be of the issue in effect on date of invitations for bid.

Marking shall consist of the MS part number and the manufacturer's identification in accordance with MIL-STD-130.

In the event of a conflict between the text of this standard and the reference cited herein, the text of this standard shall take precedence.

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Referenced documents. In addition to MIL-DTL 13625, this document references the following:

MIL-STD-130

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.

Custodian:
Army - AT
DLA - CC

Preparing activity:
DLA - CC

(Project 5930-2011-017)

Review activity:
Army - CR4

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 <https://assist.daps.dla.mil/>.