

INCH-POUND

MS53000D

24 February 2017

SUPERSEDING

MS53000C

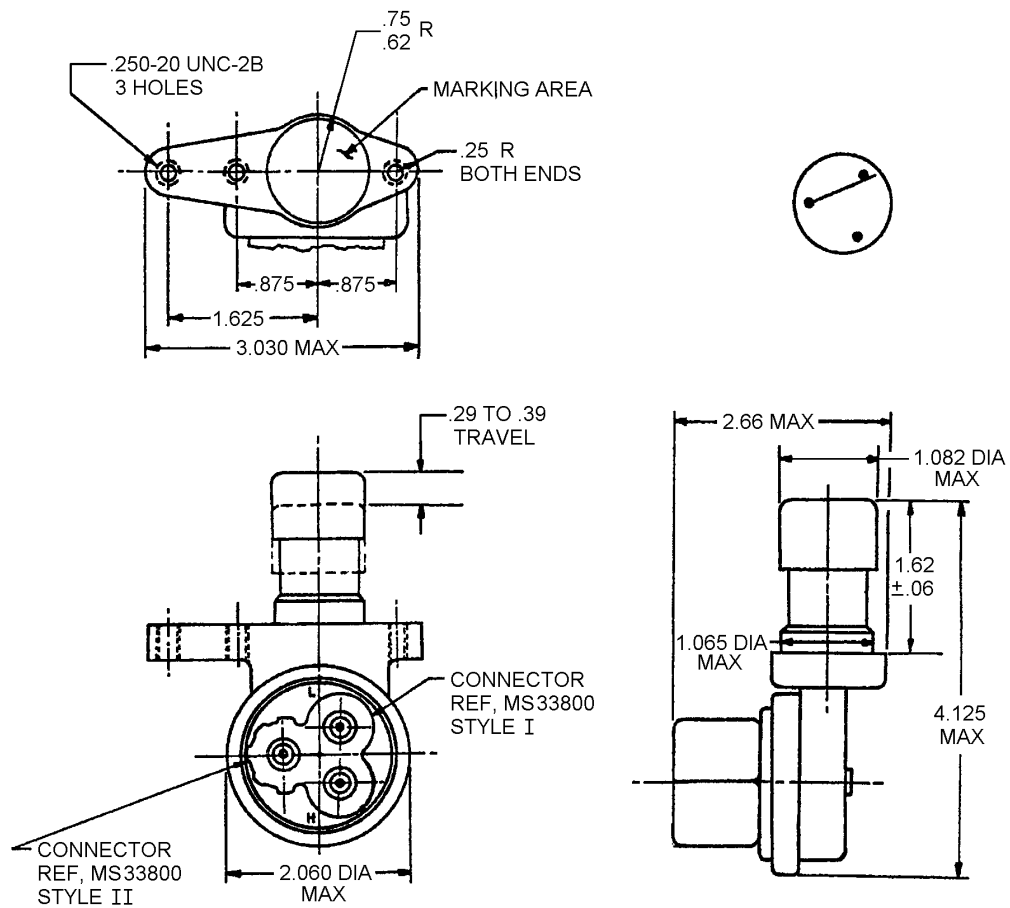
25 April 2003

DETAIL SPECIFICATION SHEET

SWITCH, BEAM SELECTING, HEADLIGHT, SINGLE POLE DOUBLE THROW, 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 and MIL-DTL-13625

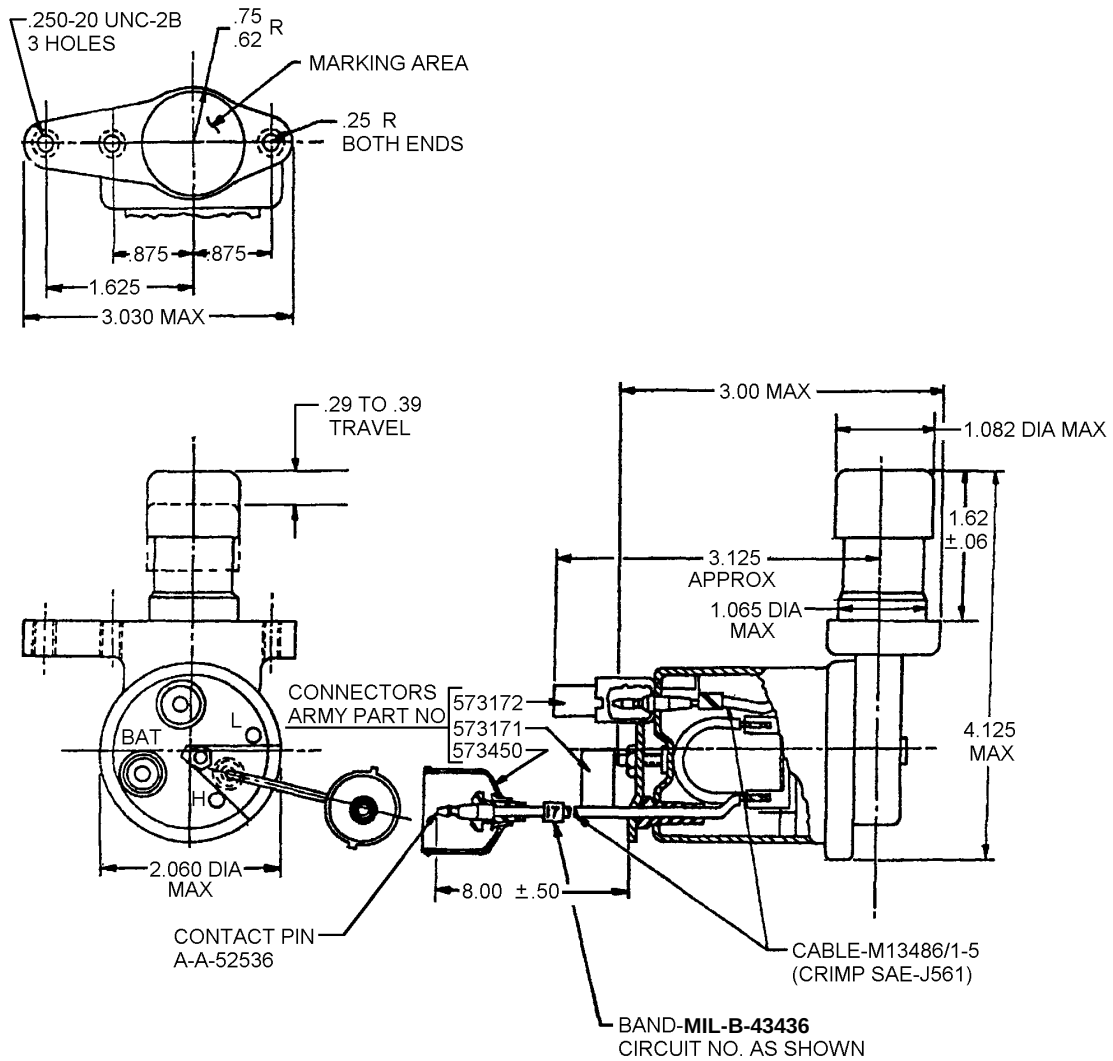


MS53000-1

FIGURE 1. Dimensions and configuration.



MS53000D



MS53000-2

FIGURE 1. Dimensions and configuration - Continued.

MS53000D

Inches	mm	Inches	mm	Inches	mm	Inches	mm
0.06	1.524	0.62	15.748	1.082	27.4828	2.66	67.564
0.25	6.35	0.75	19.05	1.62	41.148	3	76.2
0.29	7.366	0.875	22.225	1.625	41.275	3.03	76.962
0.39	9.906	1.065	27.051	2.06	52.324	4.125	104.775

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± 0.015 inch (0.38 mm).
4. Alternative base metals and protective finishes, as approved by the qualifying activity, may be utilized for frame materials.

FIGURE 1. Dimensions and configuration - Continued.

REQUIREMENTS:

Switching characteristics:

Type II: Single Pole, Double Throw, NO Off.
Class B: Fast Make and Break.

Seal: Grade 1 Watertight.

Maximum weight: .12 ounces.

Part or Identifying Number (PIN): MS53000-1 and MS53000-2

Electrical ratings: See table I.

TABLE 1. Electrical ratings.

Load	28 V dc amperes
Resistive	15
Inductive	10
Lamp	8

Operating force: 35 pounds maximum.

Overload force: 100 pounds without damage.

Weight: 12 ounces maximum.

Marking: Shall consist of the MS PIN and the manufacturers identification in accordance with MIL-STD-130

The margins of this specification are marked with vertical lines to indicate where modifications from this amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Referenced documents:

MIL-B-43436	MIL-DTL-13625	MIL-STD-130
MS33800	A-A-52536	SAE-J561

Custodians:

Army - AT
Navy – MC
DLA - CC

Preparing activity:
DLA - CC

(Project 5930-2017-011)

Review activities:

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.dla.mil/>.