

INCH-POUND

MS17981D
w/AMENDMENT 1
28 May 2004
SUPERSEDING
MS17981D
15 December 2001

DETAIL SPECIFICATION SHEET

SOLENOID, ELECTRICAL, HORN, 24 VOLT DC

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

The requirements for acquiring the relay described herein
shall consist of this specification.

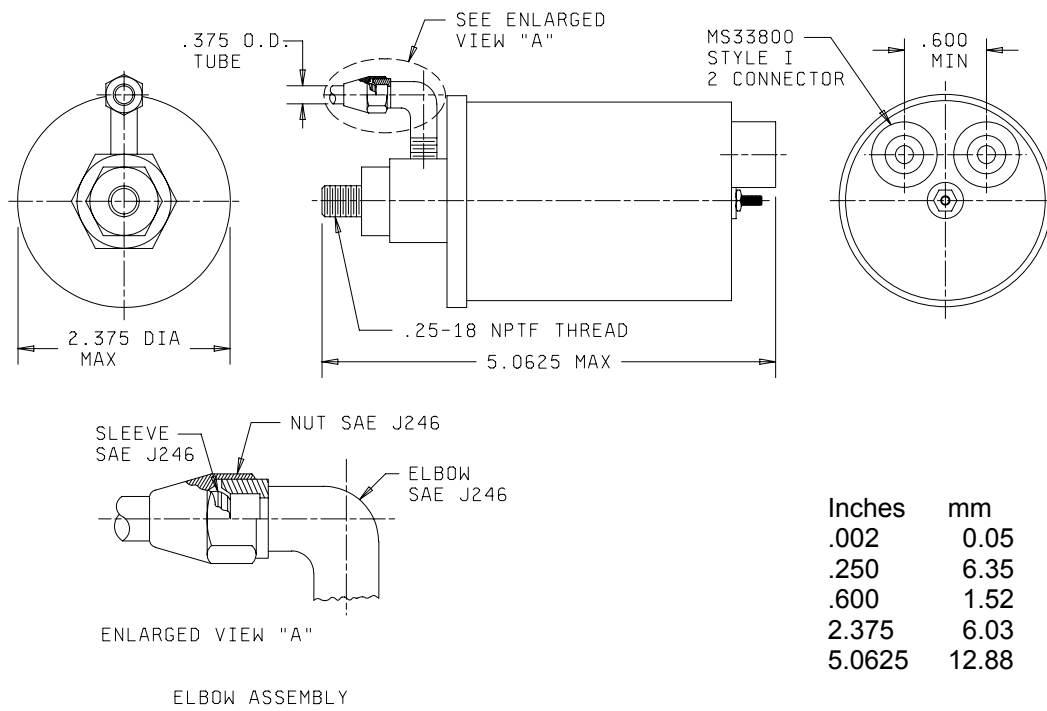


FIGURE 1. Dimensions and configurations.

MS17981D
w/AMENDMENT 1

NOTES:

1. Dimensions are in inches, unless otherwise specified. Tolerances are $\pm .022$ on decimals and $\pm 1/32$ on fractions, $\pm 1^\circ$ on angular dimensions.
2. Metric equivalents are given for general information only.
3. Solenoid shall operate the horn, AA52525-11 in accordance with the requirements of A-A-52525.
4. Elbow assembly material: Elbow and nut shall be brass in accordance with ASTM B16, Unified Numbering System (UNS) No. C36000, temper half hard minimum. Sleeve shall be brass in accordance with ASTM B16, Unified Numbering System (UNS) No. C36000, temper half hard minimum.
5. Connectors may be optionally positioned anywhere on right-hand end of solenoid.
6. This standard is not intended to limit construction to features other than as shown hereon by dimensions, notations, or referenced documents.
7. Threads shall be in accordance with screw thread standards for FED-STD-H28.
8. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
9. Referenced documents shall be of the issue in effect at the time of award of contract.
10. Marking shall consist of the MS part number, voltage rating, and manufacturer's identification in accordance with MIL-STD-130.
11. Recycled, virgin and reclaimed materials: There are no requirements for the exclusive use of virgin materials; however, all materials shall be new and unused. The use of recycled or reclaimed (recovered) materials is acceptable provided that all other requirements of the standard are met.

Part or identifying number (PIN): MS17981-1 with the elbow assembly.
MS17981-2 without the elbow assembly.

Referenced documents. This specification sheet references the following documents:

A-A-52525	MS33800	MIL-STD-130	ASTM B16	FED-STD-H28	SAE-J246
-----------	---------	-------------	----------	-------------	----------

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue 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 and relationship to the last previous issue.

Custodian:
Army - AT
DLA - CC

Preparing activity:
DLA - CC
(Project 5945-1269)

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.