

INCH-POUND

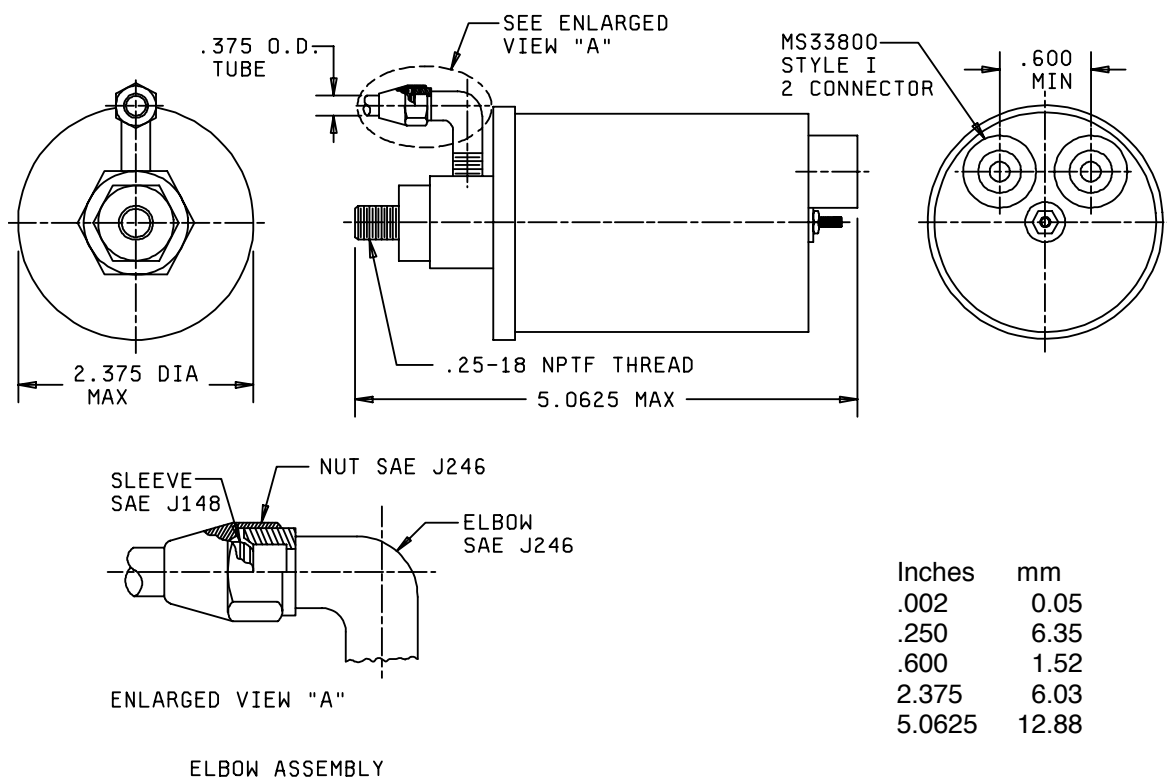
MS17981D
 15 December 2001
 SUPERSEDING
 MS17981C
 16 February 1988

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.

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NOTES:

1. Dimensions are in inches, unless otherwise specified. Tolerances are ± 0.022 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, A-A-52525-11 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 for items with the elbow assembly or MS17981-2 without the elbow assembly.

Custodian:
Army - AT
DLA - CC

Preparing activity:
DLA - CC

(Project 5945-1132)