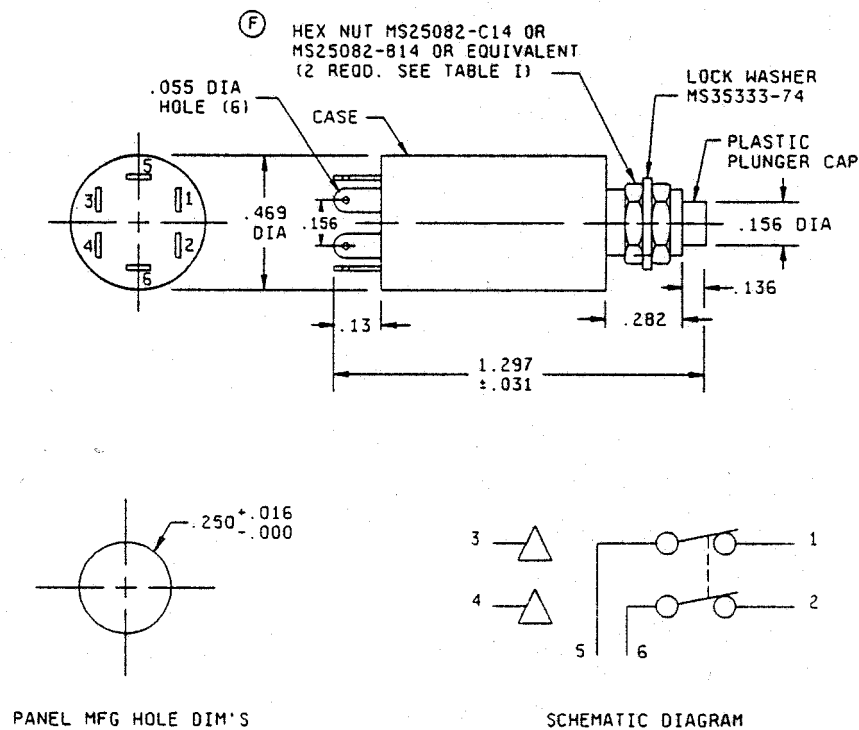


PERFORMANCE SPECIFICATION SHEET

SWITCH, PUSH, 2PDT, MOMENTARY, 1 AMPERE, UNSEALED

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

The requirements for acquiring the switches described herein shall consist of this document and [MIL-PRF-8805](#).



NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is ± .015 inch.
3. Details for MS25082-B14 or -C14 may be found in [MS25082](#) and MS35333-74 in [NASM35333](#).

FIGURE 1. Configuration and dimensions.



REQUIREMENTS:

Dimensions and configuration: See figure 1.

Enclosure design: I (unsealed).

Temperature characteristic: 1 (-55°C to +85°C).

Shock: 100 g's (half-sine), [MIL-STD-202-213](#), test condition C.

Vibration grade: 2(10 to 2000 Hz, swept sinusoidal, 15 g's peak).

Weight: .020 pound maximum.

Operating characteristics:

Total plunger travel: .093 inch (minimum. Operating force:

1.50 ±.75 pounds.

Dielectric withstanding voltage:

Sea level: 1,000 V rms minimum initial and 200 V rms following electrical endurance.

Mechanical endurance: 50,000 cycles.

Low temperature cycling rate: 30 cycles per minute minimum.

Electrical endurance:

Resistive loads: 25,000 cycles;

28 V dc, 1 ampere (sea level);

115 V ac, 60 Hz, 1 ampere (sea level).

Inductive loads: 15,000 cycles:

28 V dc, 1 ampere (sea level);

115 V ac, 60 Hz, 1 ampere (sea level).

Part or Identifying Number (PIN): See table I.

MIL-PRF-8805/95L

TABLE I. PIN and characteristics.

PIN M8805/95-	Button color	Case color	Mounting nut
001	Black	Clear	MS25082-C14 <u>2/</u>
002	Red	Clear	MS25082-C14 <u>2/</u>
003	Black	Black	MS25082-B14
004	Red	Black	MS25082-B14

1/ PIN M8805/95-005 has been canceled without replacement.

2/ Alternative base metals and protective finishes, as approved by the qualifying activity, may be utilized for hexagon nut material. Dimensions shall be in accordance with the referenced hardware specifications.

Qualification inspection:

Group submission: See table II.

TABLE II. Qualification inspection – group submission.

Switches for testing	Examination or test	Extent of approval
M8805/95-001	Qualification inspection table of MIL-PRF-8805 : Group I – All samples Group II – 4 samples Group IV – 2 samples Group V – 2 samples Group VI – 4 samples Group VII – 8 samples	All
M8805/95-004	Qualification inspection table of MIL-PRF-8805 : Group I – All samples Group IV – 2 samples	

Referenced documents. In addition to [MIL-PRF-8805](#), this document references the following:
[MS25082](#) [NASM35333](#) [MIL-STD-202-213](#)

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 previous issue.

Custodians:
Army – CR
Navy – EC
Air Force – 85
DLA – CC

Preparing activity:
DLA – CC

(Project 5930-2024-041)

Review activities:
Army – AR
Navy – AS, MC, OS, SH
Air Force – 19

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/>.