

DETAIL SPECIFICATION SHEET
 SWITCHES, ROTARY, 28 VOLT DC

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

MIL-DTL-13623/1A is inactive for new design and is no longer used, except for replacement purposes.

The requirements for acquiring the switches described herein shall consist of this specification sheet
 and MIL-DTL-13623.

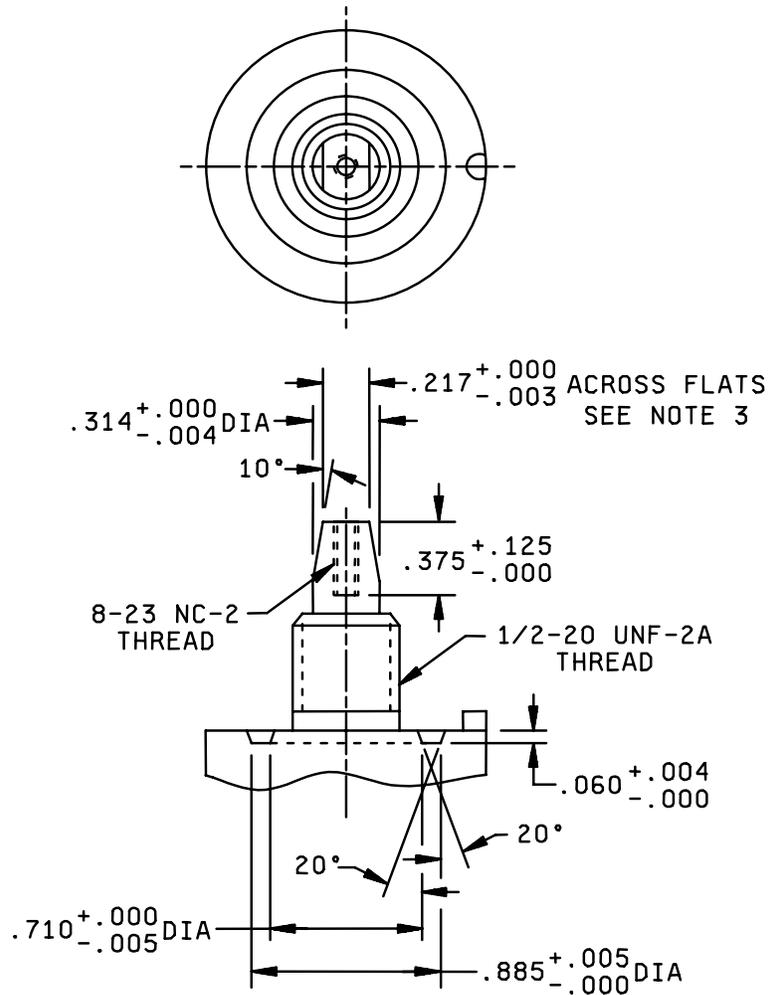


FIGURE 1. Lever Stem Detail

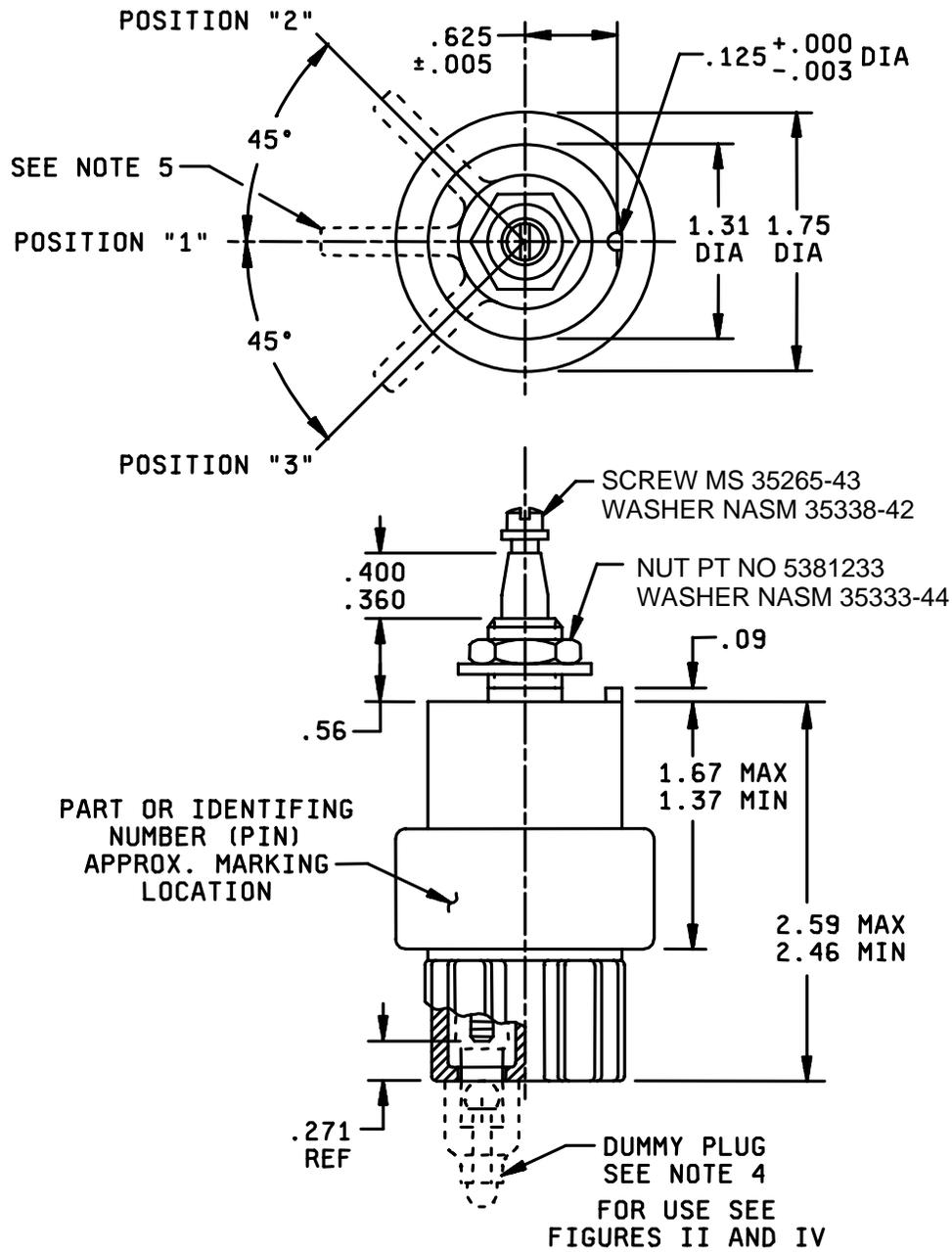
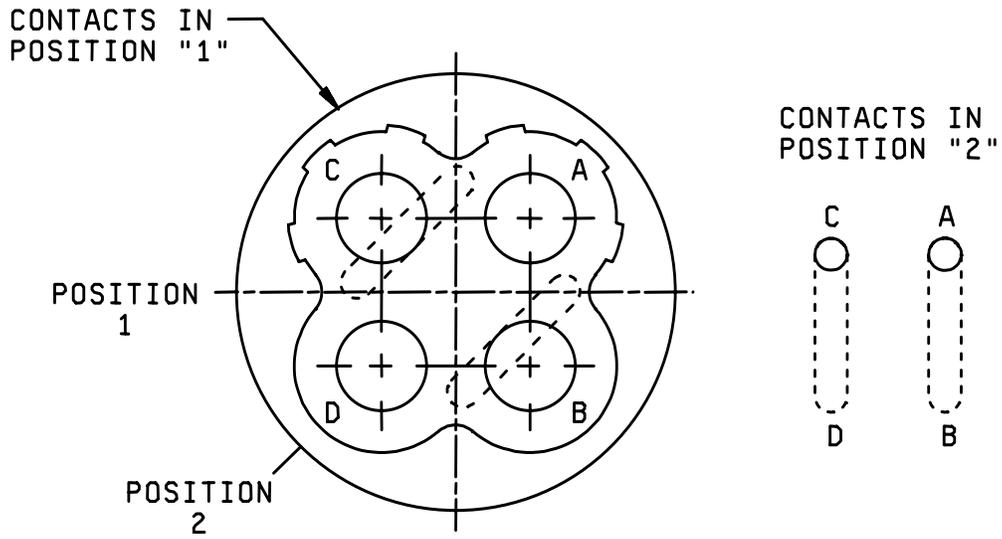
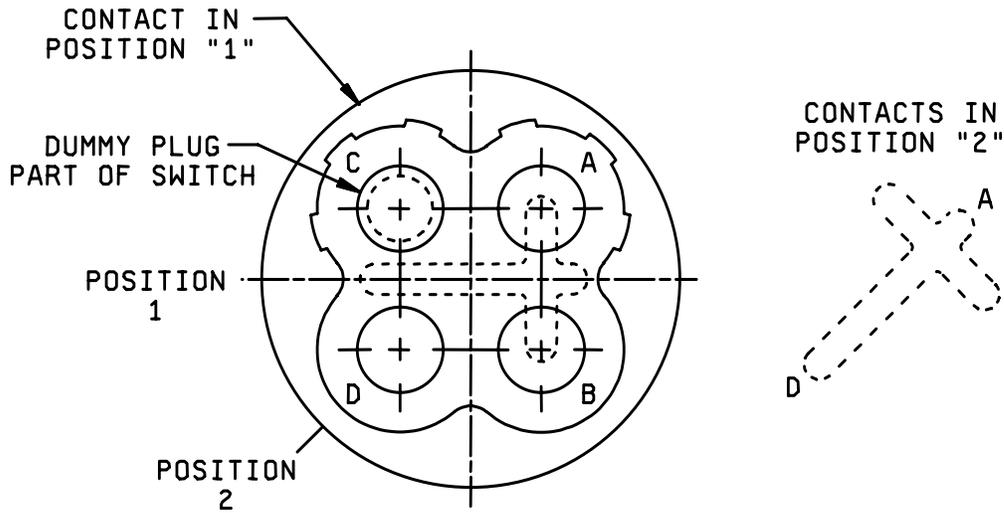


FIGURE 1. Lever Stem Detail – Continued.



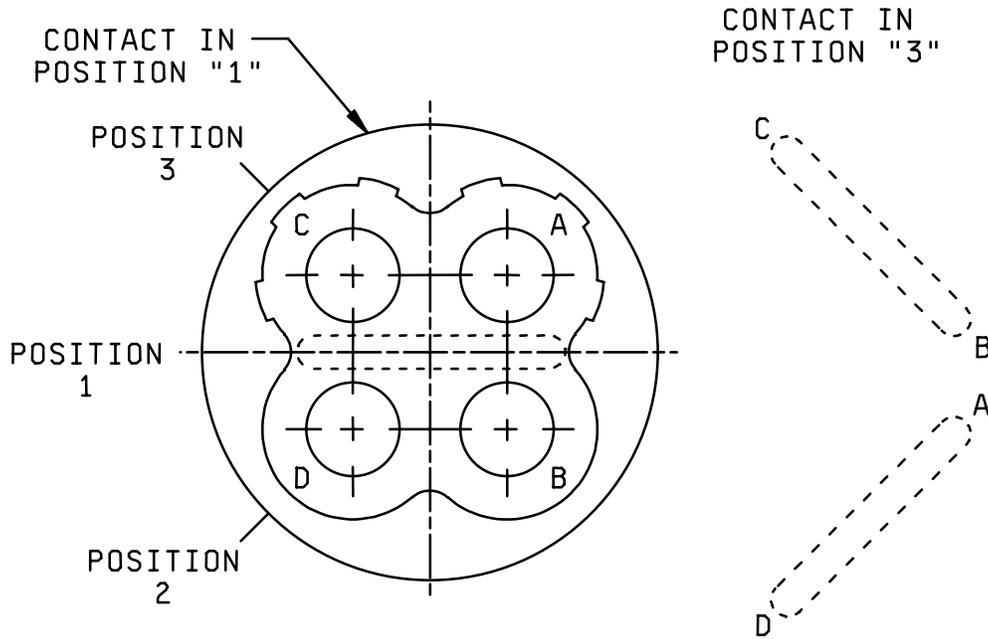
With lever in position "1" switch is off, with lever in position "2" contacts "A" & "B" are closed and "C" & "D" are closed.

FIGURE 2. MPST



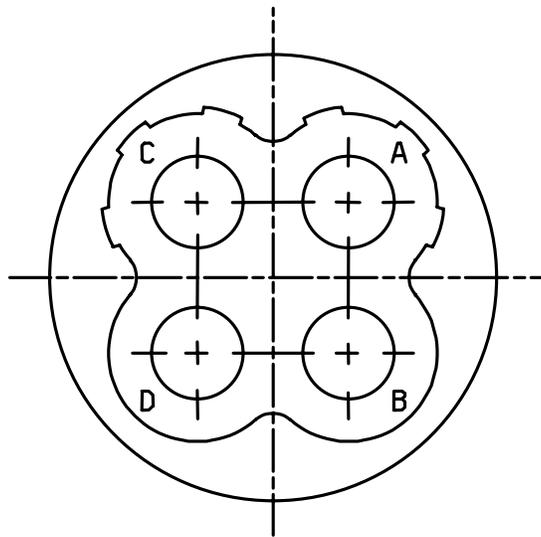
Selecting switch-shorting circuits contact "A" is common with lever in position "1" switch is off, with lever in position "2" contacts "A" & "D" are closed.

FIGURE 3. SPMT



With lever in position "1" switch is off, with lever in position "2" contacts "A" & "D" are closed, with lever in position "3" contacts "B" & "C" are closed.

FIGURE 4. MPMT



Type III switch to be used as a SPST switch by using contacts "A" & "B" or "C" & "D" dummy plug (see note 4) to be inserted in unused contacts on applicable vehicle assembly.

FIGURE 5. SPST

MIL-DTL-13623/1A

Part or Identifying Number (PIN)	Switch Type	Figure No.	Lever Position			Lead Circuitry		
			1	2	3	Position 1	Position 2	Position 3
MIL-DTL-13623/1-1	II	3	ON	ON	NONE	A & B CLOSED	A & D CLOSED	NONE
MIL-DTL-13623/1-2	III	2	OFF	ON	NONE	OFF	A & B C & D CLOSED	NONE
MIL-DTL-13623/1-3	IV	4	OFF	ON	ON	OFF	A & D CLOSED	B & C CLOSED
MIL-DTL-13623/1-4	I	5						

Part or Identifying Number (PIN)	SUPERSEDES	
	MS PART No.	Former Part No.
MIL-DTL-13623/1-1	MS39060-1	8380900
MIL-DTL-13623/1-2	MS39060-2	8380699
MIL-DTL-13623/1-3	MS39060-3	8380701
MIL-DTL-13623/1-4	MS39060-4	

NOTES:

1. Switch Types:
 - Type I (Single Pole, Single Throw) Class I.
 - Type II (Single Pole, Multi-Throw) Class I.
 - Type III (Multi-Pole, Single Throw) Class I.
 - Type IV (Multi-Pole, Multi-Throw) Class I.
2. Contact rating (at 28 Volts): 10 Amp Resistive Load; 10 Amp Inductive Load; 5 Amp Lamp Load.
3. Flats shall be as shown when the switch lever is in position 1.
4. Plain connectors mate with MS27144-1 and MS27144-2. Ribbed connectors mate with MS27144-3. Dummy connectors (8338561 with 7982907) not supplied as part of switch.
5. Lever shall not be supplied as part of switch. Lever used will be determined by vehicle application. For information and reference only see drawing 5381088, 10896915 and 10938483.
6. Dimensions are in inches. Unless otherwise specified, tolerances are $\pm .02$ on decimals and $+ 2^\circ$ on angles.
7. For design feature purposes, this specification sheet takes precedence over procurement documents referenced herein.
8. Referenced documents shall be of the issue cited in the solicitation or contract.
9. This standard is not intended to limit construction to features other than as shown hereon by dimensions, notations and referenced documents.
10. The part or identifying number consists of the specification sheet number plus a dash number. Example: MIL-DTL-13623/1-2.
11. Marking shall consist of the part of identifying number and the manufacturer's identification in accordance with MIL-STD-130. Identification marking of terminals A, B, C and D shall be adjacent to the terminals.

Reference Documents:

MIL-DTL-13623
MS27144
MS35265
MIL-STD-130
NASM35333
NASM35338

Custodians:

Army – AT
DLA – CC

Preparing activity:

DLA – CC

(Project 5930-1818)

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.