

INCH-POUND

MS14002K

12 September 2022

SUPERSEDING

MS14002J

w/Amendment 1

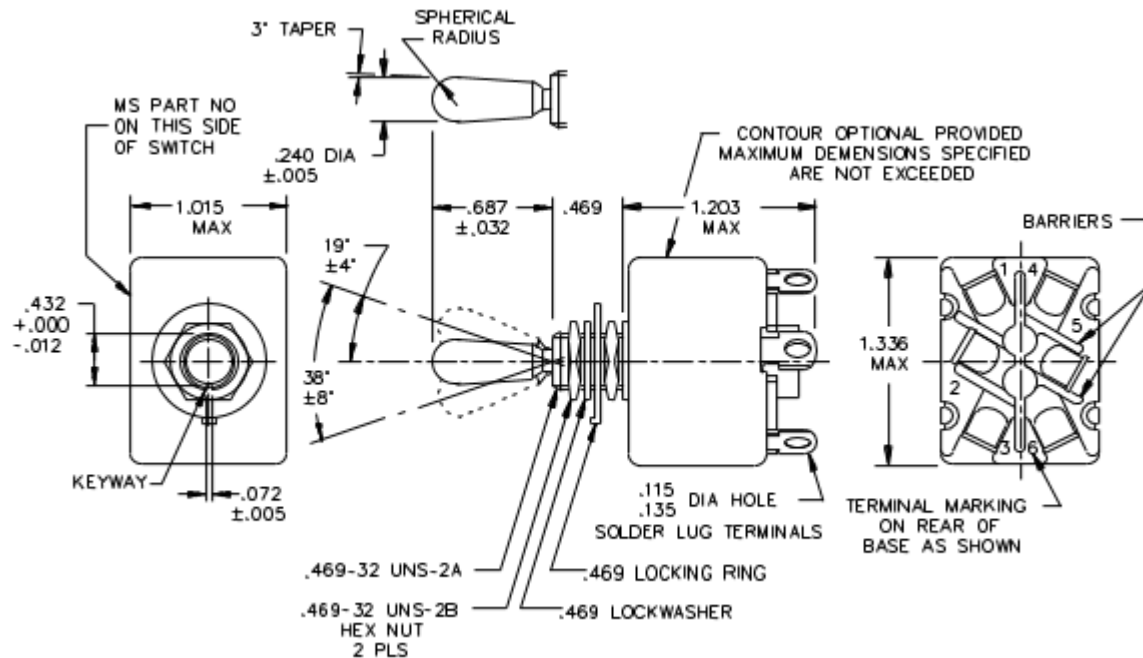
21 March 2017

DETAIL SPECIFICATION SHEET

SWITCH, TOGGLE, POSITIVE BREAK, ENVIRONMENTALLY SEALED,
SOLDER LUG, DOUBLE POLE, .469 MOUNTING BUSHING, 25 AMPERES

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

The requirements for acquiring the products described herein shall consist of this specification sheet and [MIL-DTL-8834](#).



NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are ± 0.010 on decimals and $\pm 5^\circ$ on angles.

FIGURE 1. Dimensions and configuration.

AMSC N/A

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FSC 5930



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REQUIREMENTS:

For hardware detail specifications, see appendix of [MIL-DTL-8834](#).

In the event of a conflict between the text of this specification and the references cited herein, the text of this specification shall take precedence.

For design feature purposes, this specification takes precedence over acquisition documents referenced herein.

Configuration of switch case housing, terminals, and barrier; design optional providing maximum dimensions specified are not exceeded.

Weight: .113 pound maximum (51.2 grams).

Altitude requirements: 80,000 feet.

115 V ac 60 hertz electrical endurance tests are to be performed at room temperature and pressure.

Contact bounce: Shall not exceed 3.5 milliseconds.

TABLE I. Detail requirements.

MS dash no	Circuits made between terminals as indicated with the toggle lever in these positions:			Current capacity amperes per pole 28 volts dc <u>1</u> /			Current capacity amperes per pole <u>1</u> / 115 volts 400 hertz ac			Current capacity amperes per pole <u>1</u> / 115 volts 60 hertz ac		
	Opposite keyway side	Center position	Keyway side	Lamp load circuit	Resis- tive circuit	Induct- ive circuit	Lamp load circuit	Resis- tive circuit	Induct- ive circuit	Lamp load circuit	Resis- tive circuit	Induct- ive circuit
-212	on 2-3, 5-6	off	on 1-2, 4-5	7	25	15	7	25	15	7	50	15
-222		none	off									
-232			on 1-2, 4-5									
-242		off	none									
-262	mom-on 2-3, 5-6	none	mom-on 1-2, 4-5									
-272		off										
-282	none	none	mom-off									
-292	on 2-3, 5-6											
-302	off											
-312	on 2-3 5-6	off	1-2, 4-5									

See footnote at end of table.

TABLE I. Detail requirements - Continued.

MS dash no	Current capacity amperes per pole 1/ 250 volts 60 hertz ac			Current capacity amperes per pole 1/ 125 volts dc			Current capacity amperes per pole 1/ 250 volts dc			Life low current level switching 30 mV
	Lamp load circuit	Resis- tive circuit	Induct- ive circuit	Lamp load circuit	Resis- tive circuit	Induct- ive circuit	Lamp load circuit	Resis- tive circuit	Induct- ive circuit	
-212		10	7		750 mA			500 mA		10 mA
-222										
-232										
-242										
-262										
-272										
-282										
-292										
-302										
-312										

1/ Application information ratings at room temperature.

Referenced documents"

[MIL-DTL-8834](#)

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Custodians:

Army – CR
Navy – AS
Air Force – 85
DLA - CC

Preparing activity:
DLA – CC

(Project 5930-2022-067)

Review activities:

Army - AR, MI
Navy - EC

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