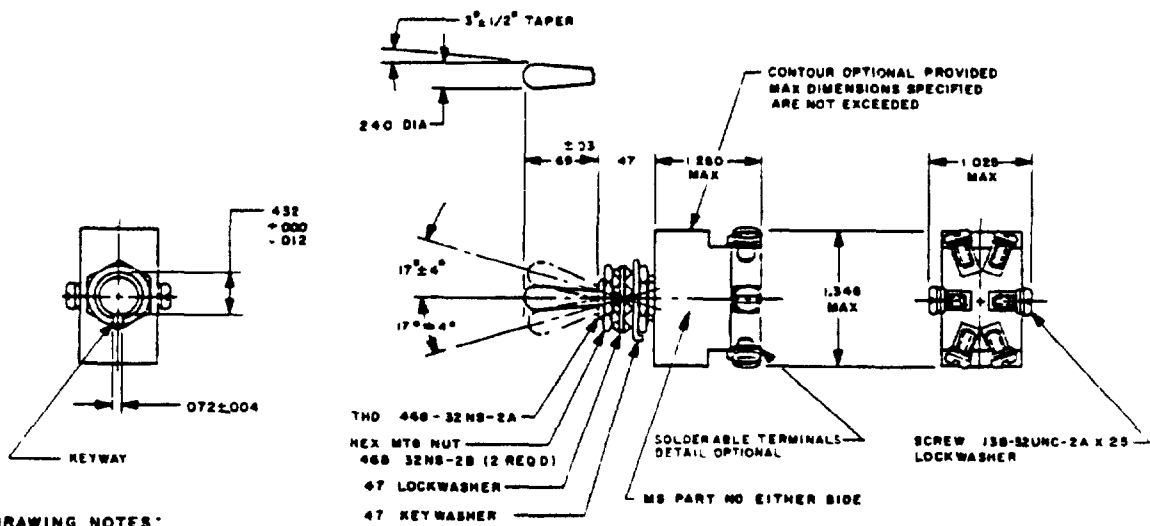


Reviewer AF 11, AV, EC, ES



DRAWING NOTES

- 1 FOR HARDWARE AND TERMINALS SCREW DETAIL SPECIFICATIONS SEE SUPPLEMENT OF MIL-S-83731
- 2 ALL DIMENSIONS ARE IN INCHES.
- 3 UNLESS OTHERWISE SPECIFIED TOLERANCE IS ± 0.02 ON TWO PLACE DECIMALS AND ± 0.005 ON THREE PLACE DECIMALS.

J INACTIVE FOR DESIGN AFTER 16 SEP 1969
USE MS24524 OR MS 25307

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

APPROVED 24 JULY 1951 REVISED **J** 15 NOV 80

PA AF 85 Other Cust ARMY-ER NAVY-AS	International Interest	TITLE	MILITARY STANDARD
		SWITCH, TOGGLE, TWO POLE, SEALED TOGGLE	MS 35059
Procurement Specification MIL-S-83731	SUPERSEDES	PAGE 1 OF 2	

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

Reviewer AF 11, AV, EC, ES

DETAIL REQUIREMENTS		Current capacity (amperes per pole)										FED SUP CLASS 5930			
MS Part No	Circuit with toggle lever in					Direct current					Alternating current 60 HERTZ				
	Keying side	Center	Opposite keying side	Lamp-load circuit	Resistive circuit	Inductive circuit	Lamp-load circuit	Pestive circuit	Inductive circuit	Resistive circuit	Inductive circuit	Lamp load circuit	Lamp load circuit	Inductive circuit	Lamp load circuit
MS35059-21	ON	OFF	ON	28 volts	28 volts	250 volts	28 volts	115 volts	115 volts	250 volts	115 volts	115 volts	220 volts	115 volts	115 volts
MS35059-22	OFF	NONE	ON	7	20	---	15	20	15	---	4	20	---	---	---
MS35059-23	ON	NONE	ON												
MS35059-24	NONE	OFF	ON												
MS35059-25	NONE	MOM-OFF	ON												
MS35059-26	MOM-ON	NONE	ON												
MS35059-27	MOM-ON	OFF	MOM-ON												
MS35059-28	MOM-ON	OFF	NONE	5	18	---	10	11	8	---	2	11	---	---	---
MS35059-29	MOM-OFF	NONE	ON												
MS35059-30	MOM-ON	NONE	OFF												
MS35059-31	MOM-ON	OFF	ON												

1/ These MS part numbers are superseded by MS part numbers MS35059-21 thru MS35059-31 inclusive as applicable. By removing the screws and lockwashers from applicable part, a switch with solder lug terminals is formed.

NOTES

- All switches on this standard are designed so that the movement of the switch mechanism is opposite to that of the toggle lever.
- Maximum weight is 0 10 pounds.
- Endurance Electrical 10,000 cycles Mechanical 20,000 cycles
- Referenced documents shall be of the issue in effect on the date of invitation for bid
- For design feature purposes, this standard takes precedence over procurement document referenced herein

MS DASH NO	FORMER MS PART NO		FORMER JAN TYPE DESIGNATION
	SCREW LUG TERMINAL	SOLDER LUG TERMINAL	
21	MS35059-3	MS35059-16	AM3027-1
22	MS35059-4	MS35059-9	AM3027-2
23	MS35059-1	MS35059-15	AM3027-3
24	MS35059-1	MS35059-12	AM3027-8
25	MS35059-3	MS35059-4	AM3027-10
26	MS35059-6	MS35059-17	AM3027-6
27	MS35059-7	MS35059-11	AM3027-7
28	MS35059-2	MS35059-13	AM3027-11
29	---	MS35059-10	AM3027-4
30	---	MS35059-11	AM3027-5
31	MS35059-8	MS35059-19	AM3027-8

PA AF 85	International interest	TITLE SWITCH, TOGGLE, TWO POLE, SEALED TOGGLE	MILITARY STANDARD MS 35059
Other Cust ARMY-ER NAVY-AS		SUPERSEDES	PAGE 2
Procurement Specification MIL-S-83731			

APPROVED 24 JULY 1951 REVISED J See page 1