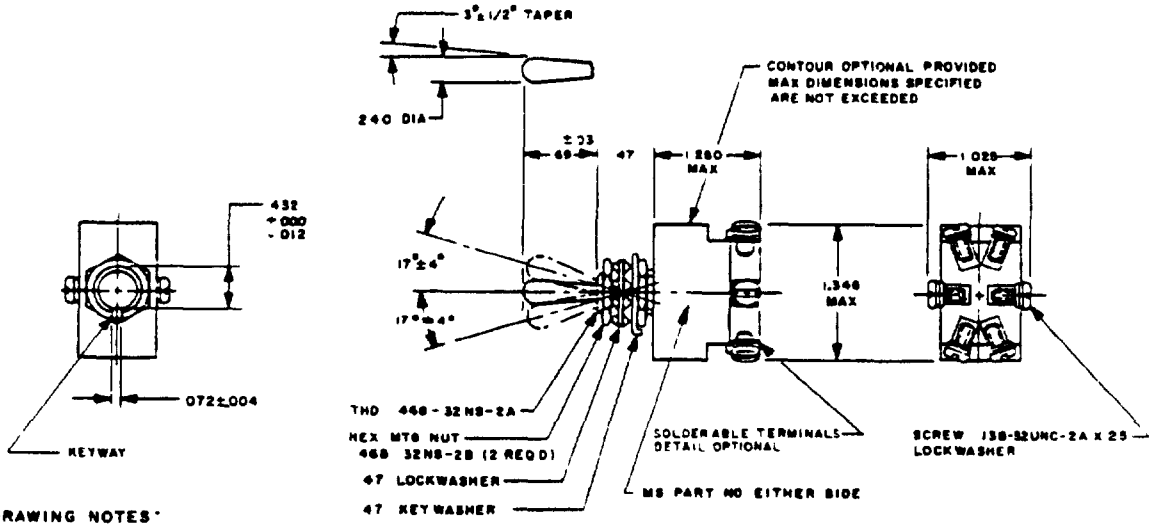
FED SUP CLASS
5930

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 ± 02 ON TWO PLACE DECIMALS AND ± 005 ON THREE PLACE DECIMALS.

APPROVED 24 JULY 1951 REVISED (J) 15 NOV 80

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

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

DD FORM (MAY 55) 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 5930-1146-6

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

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DETAIL REQUIREMENTS

MS Part No.	Circuit with toggle lever in			Current capacity (amperes per pole)													
				Direct current							Alternating current 400 HERTZ			Alternating current 60 HERTZ			
	Keying side	Center	Opposite keying side	Lamp-load circuit	Resistive circuit			Inductive circuit			Lamp-load circuit	Resistive circuit	Inductive circuit	Resistive circuit		Inductive circuit	Lamp load circuit
				28 volts	28 volts	125 volts	250 volts	28 volts	125 volts	250 volts	115 volts	115 volts	115 volts	115 volts	220 volts	115 volts	115 volts
MS35059-21	ON	OFF	ON	7	20	---	---	15	---	---	4	20	15	20	---	---	---
MS35059-22	OFF	NONE	ON														
MS35059-23	ON	NONE	ON														
MS35059-24	NONE	OFF	ON														
MS35059-25	NONE	MOM-OFF	ON	5	18	---	---	10	---	---	2	11	8	11	--	---	---
MS35059-26	MOM-ON	NONE	ON														
MS35059-27	MOM-ON	OFF	MOM-ON														
MS35059-28	MOM-ON	OFF	NONE														
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1/ These MS part numbers are superseded by MS part numbers MS35059-21 thru MS35059-31 inclusive as applicable By removing the screws and lockwashers from applicable part, a switch with solder lug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

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

MS DASH NO	FORMER MS PART NO: SCREW LUG TERMINAL	FORMER MS PART NO: SOLDER 1/ LUG TERMINAL	FORMER AN PART NO	FORMER JAN TYPE DESIGNATION
21	MS35059-5	--	AN3027-1	ST50P
	--	MS35059-16	-	ST52P
22	---	---	AN3027-2	ST50K
	---	MS35059-9	-	ST52K
23	MS35059-4	-	AN3027-3	ST50N
	---	MS35059-15	-	ST52N
24	MS35059-1	---	AN3027-8	---
	---	MS35059-12		--
25	MS35059-3	-	AN3027-10	---
	--	MS35059-14		---
26	MS35059-6	-	AN3027-6	ST50R
	-	MS35059-17	-	ST52R
27	MS35059-7	---	AN3027-7	ST50S
	---	MS35059-18		ST52S
28	MS35059-2	---	AN3027-11	---
	---	MS35059-13	---	---
29	---	---	AN3027-4	ST50L
	---	MS35059-10	--	ST52L
30	---	---	AN3027-5	ST50M
	---	MS35059-11	---	ST52M
31	MS35059-8	---	AN3027-9	ST50T
	---	MS35059-19	-	ST52T

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