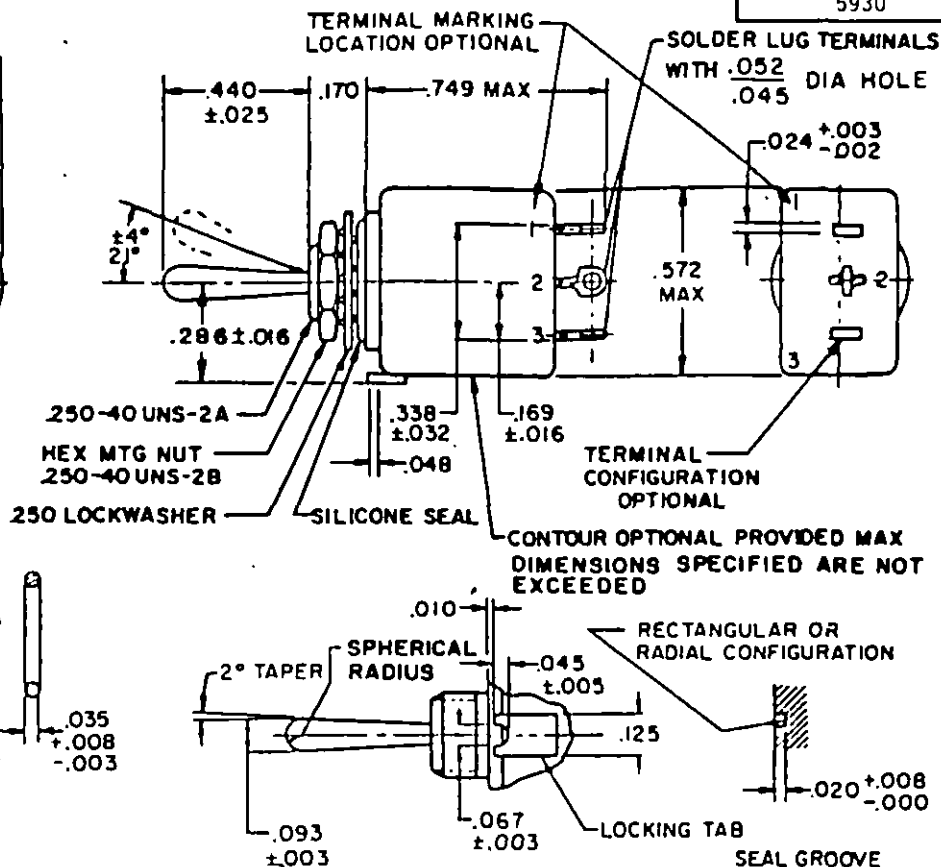
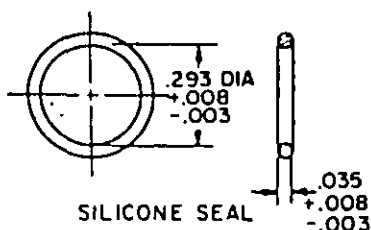
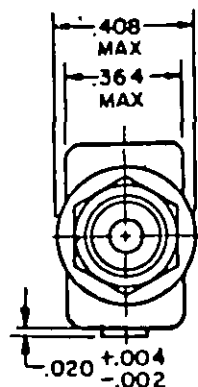


User activities: Army - MI  
Navy -  
Air Force -Review activities: Army - AR, AV  
Navy - EC  
Air Force - 11, 17, 99

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.



Detail requirements:

MS dash no. 1/	Circuit made between terminals as indicated with toggle lever in these positions: (a)			Current capacity in amperes						Life low current level switching 5 mV
				Resistive load			Inductive load			
	Opposite locking tab side	Center position	Locking tab side	28 volts dc	115 volts		28 volts DC	115 volts		
					60 Hertz AC	400 Hertz AC		60 Hertz AC	400 Hertz AC	
-321	None	(2-3) on	1-2 mom-on	5	2	3	(b) 1	1	2	(c) 25 $\mu$ A

(a) Direction of movement of internal mechanism is opposite to the direction of the toggle movement.

(b) With time constant of .020  $\pm$  .002 seconds.

(c) Contact resistance not to exceed 50n during life, low current level switching

1/ Delayed action of the switch toggle lever may cause circuit to close or open before snap action mechanism trips.

(H) CANCELLED AFTER 11 Jan 1989 USE MS24655 - 321

(H) Denotes change

P.A AF-85	International interest:	TITLE SWITCH, TOGGLE, POSITIVE BREAK, SPECIAL CIRCUIT, MINIATURE, TOGGLE SEALED, SOLDER LUG, SINGLE POLE, .250 MOUNTING BUSHING	MILITARY STANDARD
Other Cus: ARMY-ER NAVY-AS			MS 21350
Procurement Specification MIL-S-8834	SUPERSEDES: MS0021350 (USAF)		PAGE 1 OF 2

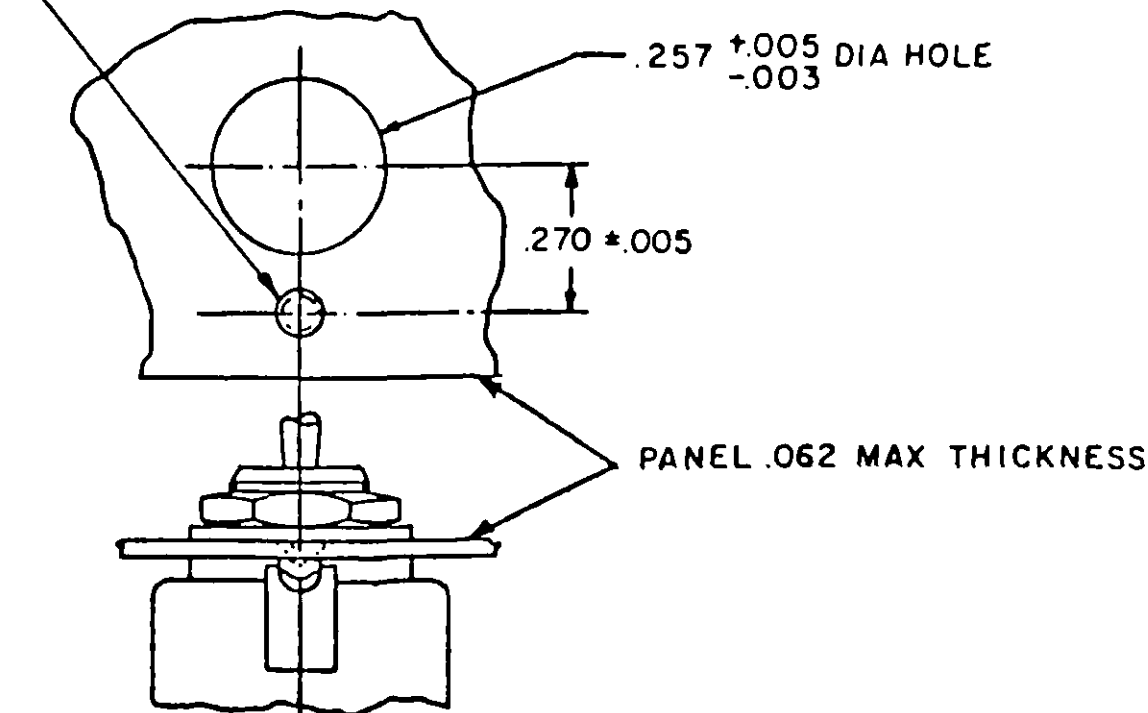
DD FORM 1 MAY 73 672  
AMSC N/A

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

Distribution Statement A. Approved for public release; distribution is unlimited.

5930-1376-01

REVISED (F) 10 Dec 81 (G) 18 Oct 1985 (H) 11 Jan 1989  
APPROVED 17 Mar 72

SUGGESTED INDENTATION LOCATION FOR  
ANTI-ROTATIONAL DEVICE

Inches	mm	Inches	mm	Inches	mm	Inches	mm
.002	0.05	.020	0.51	.052	1.32	.257	6.53
.003	0.08	.024	0.61	.062	1.57	.270	6.86
.004	0.10	.025	0.64	.063	1.60	.286	7.26
.005	0.13	.030	0.76	.067	1.70	.293	7.44
.008	0.20	.031	0.79	.093	2.36	.338	8.59
.010	0.25	.032	0.81	.125	3.18	.408	10.36
.012	0.30	.035	0.89	.169	4.29	.440	11.18
.014	0.36	.045	1.14	.170	4.32	.556	14.12
.016	0.41	.048	1.22	.250	6.35	.572	14.53
				.749	19.02		

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified tolerances are  $\pm .010$  (0.25 mm) on decimals and  $\pm .5^\circ$  on angles.
4. For hardware detail specifications see appendix of MIL-S-8834.
5. In the event of a conflict between the text of this standard and the references cited herein, the text of this standard shall take precedence.
6. Referenced Government documents of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDSS) specified in the solicitation form a part of this standard to the extent specified herein.
7. Shock: Method I and Method II (high impact). The switch shall be electrically and mechanically operative at the conclusion of the test, and there shall be no mechanical transfer during the test.
8. Suitable for mounting of panels of .062 (1.57 mm) maximum thickness.
9. Weight: .0143 pound maximum (6.5 grams).
10. Strength of actuator: Lever pivot and lever stop 6 pounds.
11. Strength of terminal: 5 pounds normal to mounting plane and 2 pounds in other planes.
12. Dielectric withstanding voltage: 1,200 V rms at sea level.
13. Altitude: 50,000 feet.
14. 115 V ac, 60 hertz electrical endurance tests are to be performed at room temperature and pressure.

APPROVED 17 Mar 72  
REVISED  
FOR CHANGE SEE PAGE 2 (H) FOR CHANGE SEE PAGE 1

P.A AF-85

International  
Intersect

## TITLE

SWITCH, TOGGLE, POSITIVE BREAK,  
SPECIAL CIRCUIT, MINIATURE, TOGGLE  
SEALED, SOLDER LUG, SINGLE POLE,  
.250 MOUNTING BUSHING

MILITARY STANDARD

MS 21350

Procurement Specification  
MIL-S-8834

SUPERSEDES:  
MS0021350(USAF)

PAGE 2 OF 2