

INCH-POUND

MS25034K  
 1 February 2006  
 SUPERSEDING  
 MS25034J  
 20 Decenber1982

DETAIL SPECIFICATION SHEET

GUARD, SWITCH, 3 POSITION

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

The complete requirements for acquiring the switch described herein shall consist of this specification and  
 the latest issue of MIL-DTL-7703.

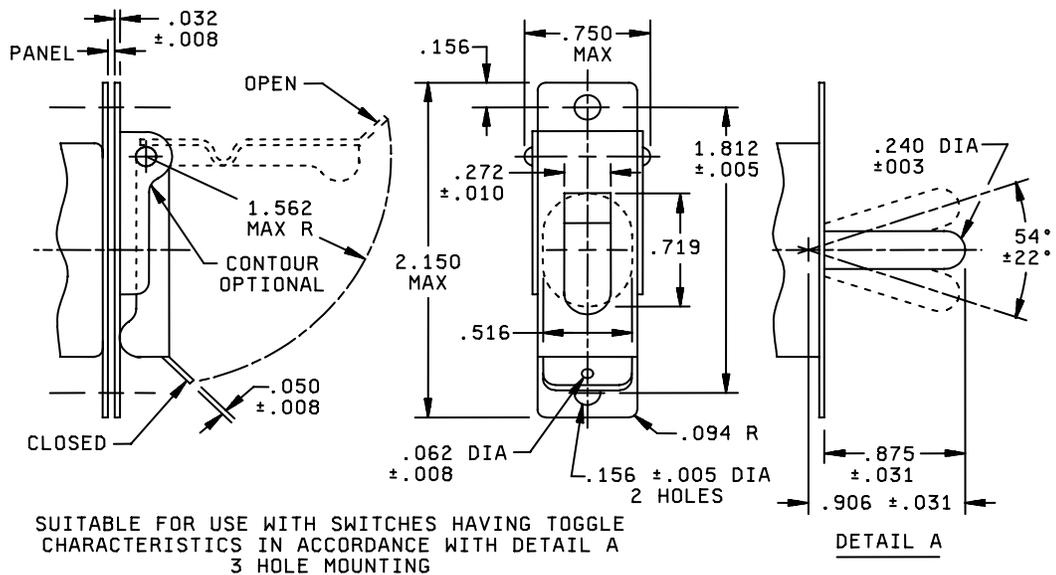
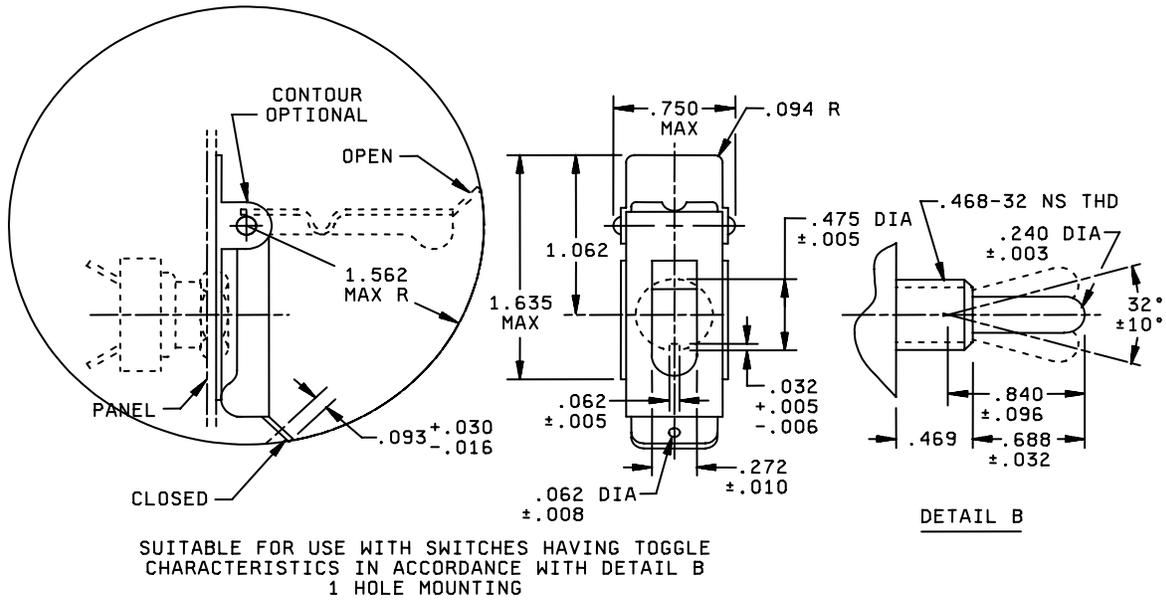


FIGURE1. Dimensions and configuration.

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DASH NO.	TYPE	PANEL THICKNESS (REF)	OPERATING FORCE
-1	3- HOLEMOUNTING	.050 TO .081	.2 TO 1.5 LB
-2	1-HOLE MOUNTING	.050 TO .248	

FIGURE.1: Dimensions and configuration Continued

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Inches	mm	Inches	mm	Inches	mm
.003	.08	.093	2.36	.688	17.47
.005	.13	.094	2.39	.719	18.26
.006	.15	.096	2.44	.750	19.05
.008	.20	.156	3.96	.840	21.34
.010	.25	.240	6.10	.875	22.22
.016	.41	.248	6.30	.906	23.01
.030	.76	.272	6.91	1.062	26.97
.031	.79	.469	11.91	1.562	39.67
.032	.81	.475	12.06	1.635	41.53
.050	1.27	.516	13.11	1.812	46.02
.062	1.57	.625	15.88	2.150	54.61
.081	2.06				

## NOTES:

1. Dimensions are inches.
2. Unless otherwise specifies, Tolerances are  $\pm .016$  on decimals.
3. Material: Steel, commercial, shall be smooth and free from burrs.
4. Finish: Zinc plate, ASTM B 633, type III, or cadmium plate, SAE-AMS-QQ-P-416, type III, with optional supplementary treatment per MIL-C-8514 or DOD-P-15328, black enamel, lusterless, color number 37038 or semigloss, color number 27038, FED-STD- 595 or equivalent.
5. This standard takes precedence over documents referenced herein.
6. Referenced documents shall be of the issue in effect on date of invitations for bid.

## REQUIREMENT

Guard shall remain in either the open or closed position.

Opening the guard shall not change position of the switch contacts.

When lever is in upward position, closing guard shall throw lever to the center position.

Normal operation of the toggle between the center and down positions shall be possible without having to lift the guard

## Referenced documents

MIL-DTL-7703  
MIL-C-8514  
ASTM-B633  
SAE-AMS-QQ-P-416  
DOD-P-15328  
FED-STD- 595

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

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Custodians:  
Army – CR  
Air Force – 11  
Navy – AS  
DLA – CC

Preparing activity  
DLA – CC  
(Project 5930-2005-011)

Review activities:  
Air Force – 99

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 <http://assist.daps.dla.mil/>.