

INCH-POUND

MS25452G

1 February 2006

SUPERSEDING

MS25452F

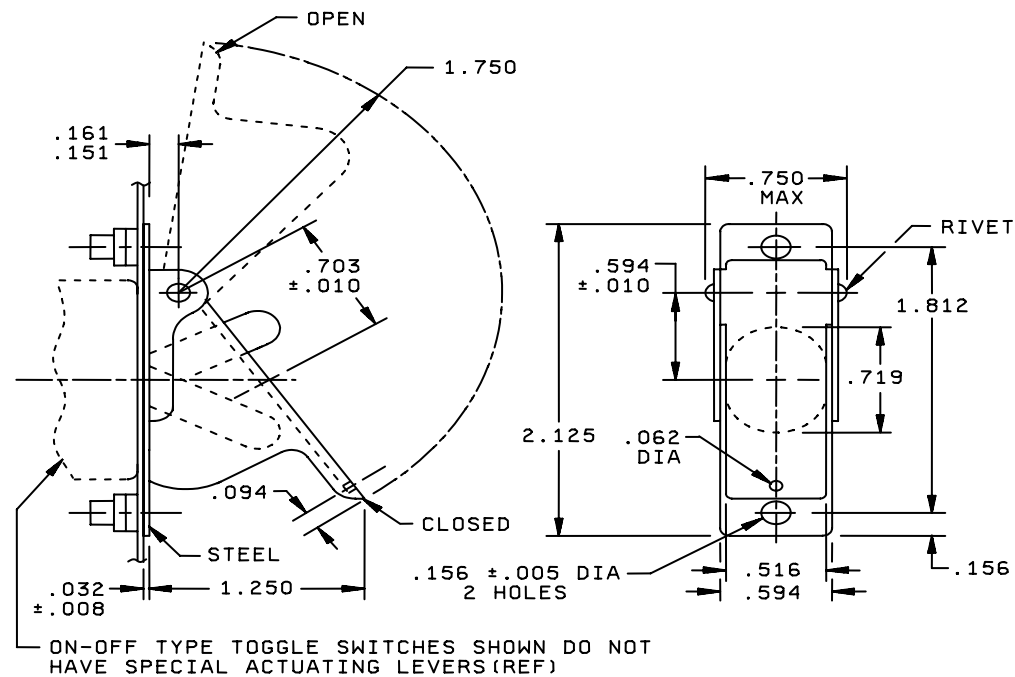
19 February 1992

## DETAIL SPECIFICATION SHEET

## GUARD, SWITCH, 2 POSITION, LOCK

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.



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

FIGURE 1 Dimensions and configuration

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Inches	mm	Inches	mm	Inches	mm
.005	0.13	.081	2.06	.703	17.86
.006	0.20	.094	2.39	.719	18.29
.010	0.25	.151	3.83	.750	22.22
.016	0.41	.156	3.96	1.250	31.75
.032	0.81	.161	4.09	1.750	44.45
.050	1.27	.516	13.11	1.812	46.02
.062	1.57	.594	15.09	2.125	53.98

## NOTES:

1. Dimensions are in inches.
2. Unless otherwise specifies, tolerances are  $\pm .016$  on decimals.
3. Metric equivalents are given for general information only.
4. Material: Steel, commercial, shall be smooth and free from burrs.
5. 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 semi gloss, color number 27038, FED-STD-595 or equivalent.
6. For design feature purposes, this standard takes precedence over procurement documents referenced herein.

FIGURE 1. Dimensions and configuration Continued

## REQUIREMENTS

Guard shall remain in only the closed position.

Opening the guard shall not change the position of the toggle lever.

Closing the guard with the lever in the up position locks lever in the up position.

The guard in the closed position shall exert no pressure on the toggle.

Part or Identifying Number (PIN) MS25452-1 replaces and is completely interchangeable with PIN N3229-1.

## Referenced documents

MIL-DTL-7703  
MIL-C-8514  
ASTM-B-633  
SAE-AMS-QQ-P-416  
FED-STD-595  
DOD-P-15328

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  
Navy – AS  
Air Force – 11  
DLA – CC

Preparing activity  
DLA – CC  
(Project 5930-2005-024)

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/>