

INCH-POUND
------------

MS25214F  
 1 February 2006  
 SUPERSEDING  
 MS25214E  
 20 December 1982

# 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.

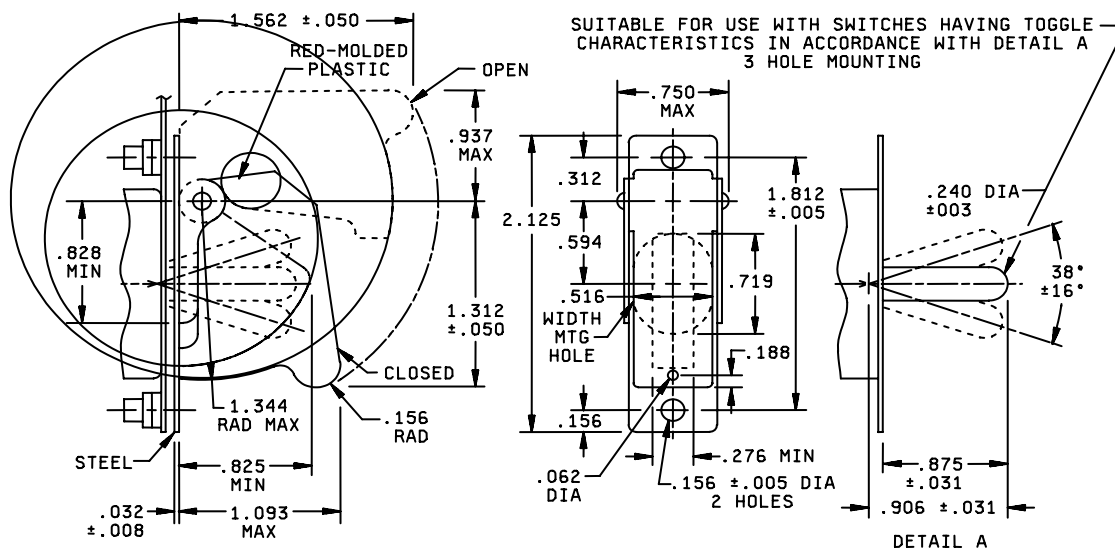
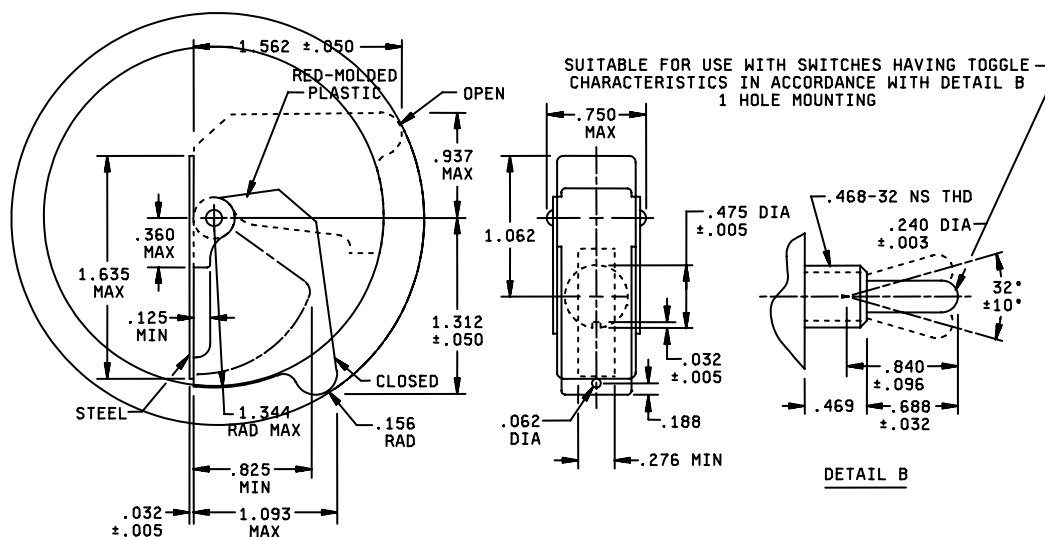


FIGURE 1 Dimensions and configuration

## MS25214F



Inches	mm	Inches	mm	Inches	mm
.003	.08	.240	6.10	.828	21.03
.005	.13	.248	6.30	.840	21.34
.008	.20	.276	7.01	.875	22.22
.031	.79	.312	7.92	.906	23.01
.032	.81	.360	9.14	.937	23.80
.050	1.27	.469	11.91	1.062	26.97
.062	1.57	.516	13.11	1.093	27.76
.081	2.06	.594	15.09	1.312	33.32
.096	2.44	.688	17.47	1.344	34.14
.125	3.18	.719	18.26	1.562	39.67
.156	3.96	.750	19.05	1.635	41.53
.188	4.77	.825	20.95	1.812	46.02
				2.125	53.98

FIGURE 1. Dimensions and configuration Continued

## MS25214F

DASH NO.	OPEN FORCE	TYPE	PANEL THICKNESS (REF)	REMARKS
-1	1.0 to 2.5 LBS	3- HOLE MOUNTING	.050 TO .081	
-2		1- HOLE MOUNTING	.050 To .248	IDENTICAL TO -2, EXCEPT KEYWAY IS ROTATED 180°

FIGURE 1. Dimensions and configuration Continued

## NOTES:

1. Dimensions are in inches.
2. Unless otherwise specifies, tolerances are  $\pm .016$  on decimals.
3. Material: Plastic, molded, red color shade 11136, FED-STD-595. Steel, commercial, shall be smooth and free from burrs.
4. Finish: Zinc plate, ASTM-B633 , 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.
5. For design feature purposes, this standard takes precedence over procurement documents referenced herein.

## REQUIREMENTS

Opening the guard shall not move the switch contacts.

The guard shall remain in either open or closed position.

Closing the guard shall not move the switch lever in the center position from either the up or down position.

Referenced documents shall be of the issue in effect on date of invitations for bid.

## Referenced documents

MIL-DTL-7703  
MIL-C-8514  
ASTM-B633  
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.

MS25214F

Custodians:

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

Preparing activity  
DLA – CC  
(Project 5930-2005-025)

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/>