

INCH-POUND
 MS25214G
 13 April 2010
 SUPERSEDING
 MS25214F
 1 February 2006

DETAIL SPECIFICATION SHEET
 GUARD, SWITCH, 3 POSITION

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

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

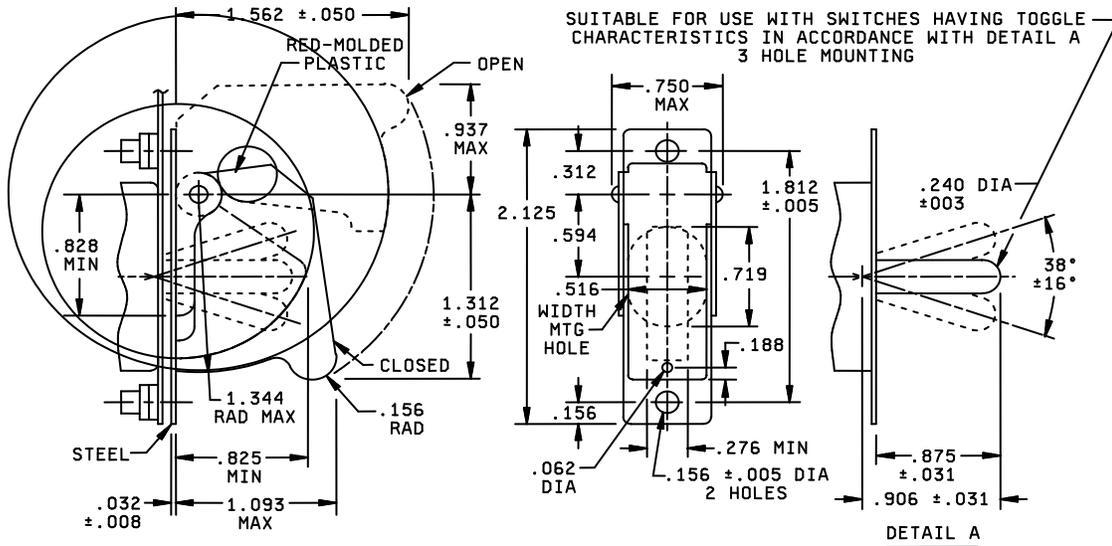
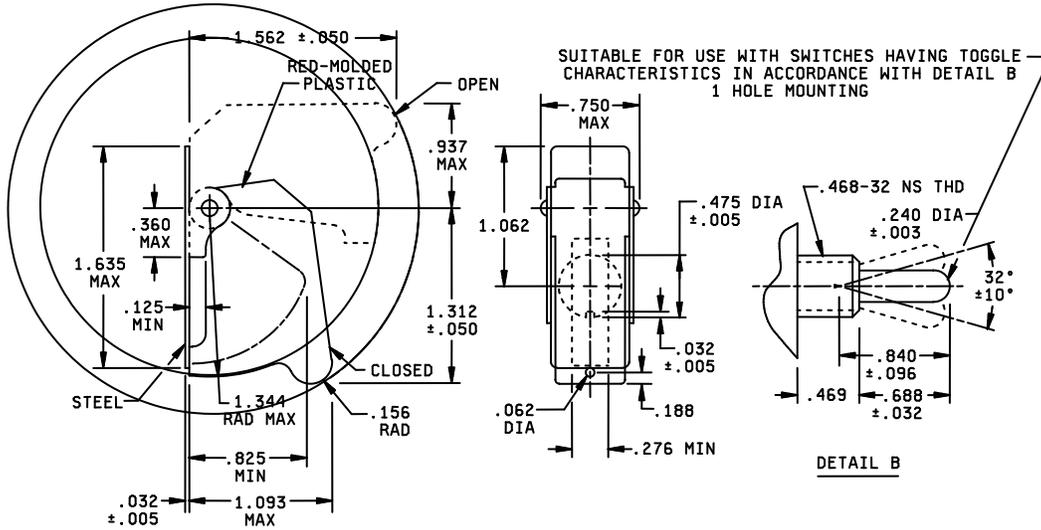


FIGURE 1 Dimensions and configuration

MS25214G



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

MS25214G

DASH NO.	OPEN FORCE	TYPE	PANEL THICKNESS (REF)	REMARKS
-1 <u>1/</u>	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°
-3				

1/ Inactive for new design, use for replacement only.

FIGURE 1. Dimensions and configuration Continued

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are $\pm .016$ on decimals.
3. Material: Plastic, molded, FED-STD-595/11136. 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, FED-STD-595/37038 or semi gloss, FED-STD-595/27038 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 move the switch lever to 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.

MS25214G

Referenced documents

MIL-DTL-7703
MIL-C-8514
ASTM-B633
SAE-AMS-QQ-P-416
FED-STD-595/11136
FED-STD-595/27038
FED-STD-595/37038
DOD-P-15328

The margins of this specification are marked with vertical lines to indicate where modifications from this revision were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Custodians:

Army – CR
Navy – AS
Air Force – 85
DLA – CC

Preparing activity
DLA – CC

(Project 5930-2010-014)

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