

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.

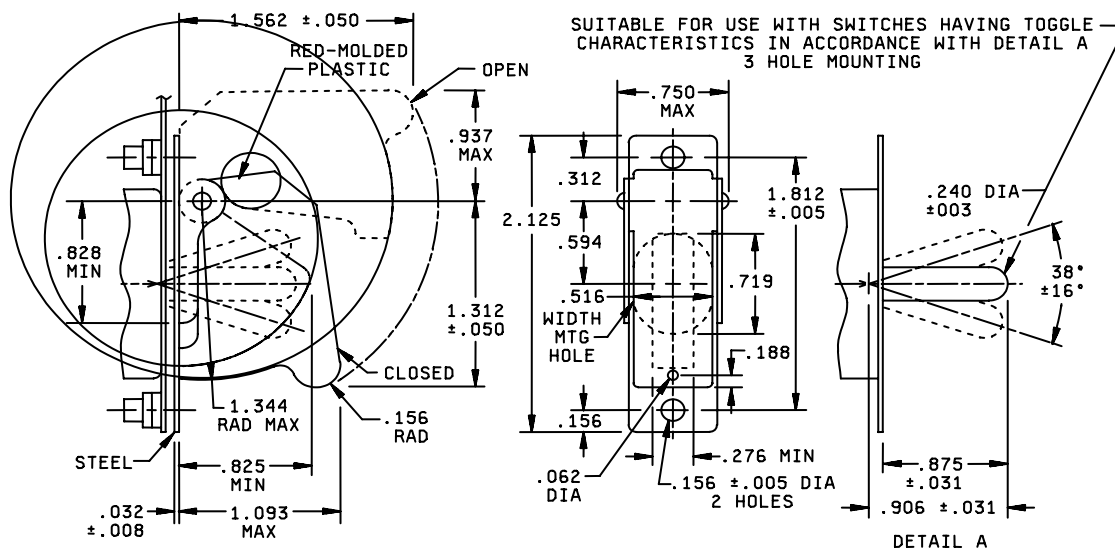
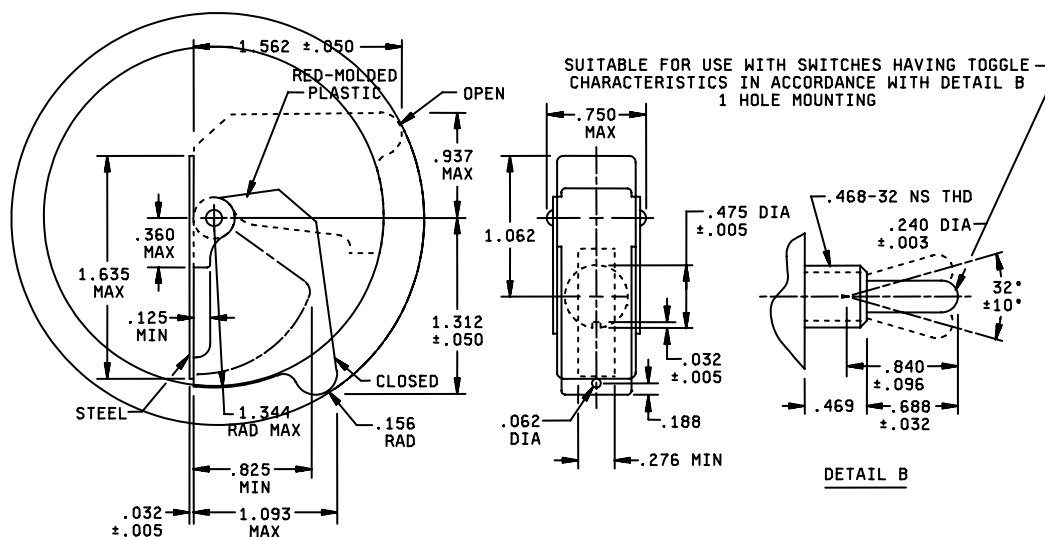


FIGURE 1 Dimensions and configuration

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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

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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.

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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/>