

FED. SUP CLASS
5930

User activities: Army -
Navy -
Air Force -

INCHES	MM	INCHES	MM	INCHES	MM
.002	.05	.030	.76	.432	10.97
.003	.08	.032	.81	.438	11.13
.005	.13	.045	1.14	.469	11.91
.010	.25	.050	1.27	.556	14.12
.012	.30	.072	1.83	.572	14.53
.016	.41	.169	4.29	.687	17.45
.024	.61	.240	6.10	.706	17.93
.025	.64	.338	8.59		

Review activities: Army -
Navy -
Air Force - 17,11
DLA - ES

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Unless otherwise specified, tolerances are ±.010 (.25 mm) on decimals and ±.5° on angles.
4. For hardware detail specifications see appendix of MIL-S-8834.
5. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
6. Referenced documents shall be of the issue in effect on date of invitation for bid.
7. The switch shall be electrically and mechanically operative at the conclusion of the shock test with 2000 foot pounds except there can be transfer of the contact mechanism at all levels when tested in accordance with Method 207 of MIL-STD-202.
8. Terminals: Gold plated.
9. Maximum Weight: .0463 pound (21 grams).
10. Strength of terminals: 5 pounds normal to the mounting plane and 2 pounds in other planes.
11. Altitude 50,000 feet.
12. 115 Vac 60 hertz electrical endurance tests are to be performed at room temperature and pressure.
13. Sealing: Environmental seal test is applicable. The leakage-rate sensitivity, bushing to lever seal before and after mechanical endurance, shall not exceed 30×10^{-5} standard atmospheric cubic centimeters per second (ATM/CC SEC) helium.

This military standard is approved for use by Aeronautical Systems Division, AFSC 11, Department of the Air Force, and is available for use by all Departments and Agencies of the Department of Defense.

APPROVED 18 AUG 1977 REVISED (A)

P.A AF - 85	International interest	TITLE SWITCH, TOGGLE-POSITIVE BREAK, MINIATURE, ENVIRONMENTALLY SEALED, SOLDER LUG, DOUBLE POLE, .469 MOUNTING BUSHING	MILITARY STANDARD
Other Cust	ASCCAS 12/16A		MS21435 (USAF)
Procurement Specification MIL-S-8834	SUPERSEDES:		PAGE 2 OF 2

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