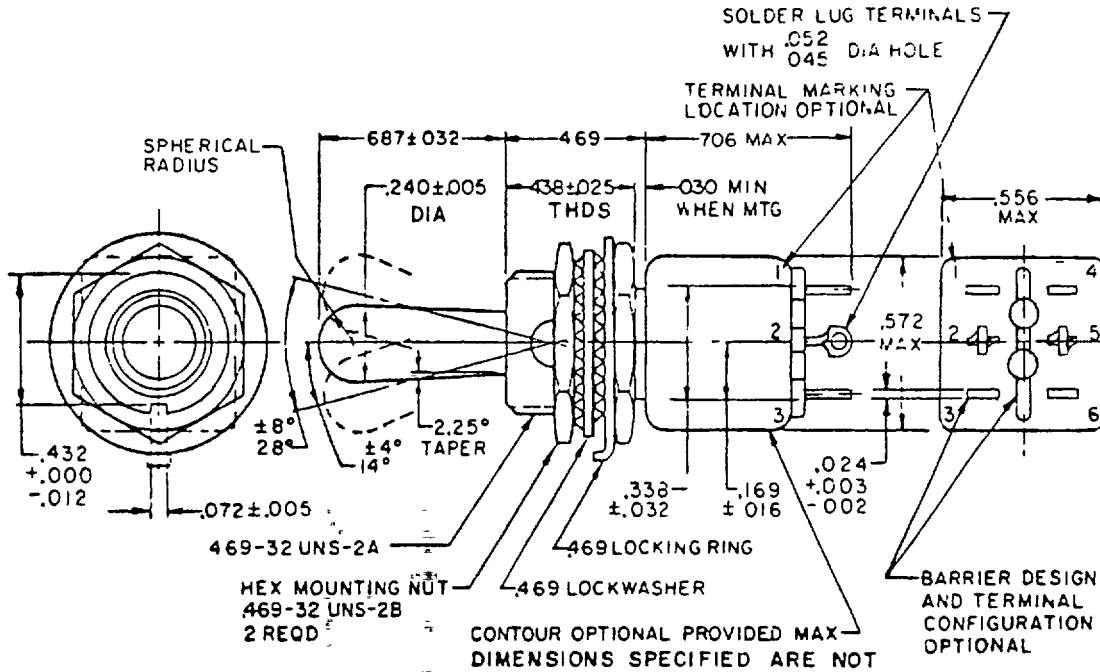
FED SUP CLASS
5930



DETAIL REQUIREMENTS

MS DASH NO 1/		CIRCUIT MADE BETWEEN TERMINALS AS INDICATED WITH THE TOGGLE LEVEL IN THESE POSITIONS (a)			CURRENT CAPACITY IN AMPERES						LIFE LOW CURRENT LEVEL SWITCHING 5 mV
					RESISTIVE LOAD			INDUCTIVE LOAD			
					28 VOLTS DC	115 VOLTS 60 HERTZ AC	115 VOLTS 400 HERTZ AC	28 VOLTS DC	115 VOLTS 60 HERTZ AC	115 VOLTS 400 HERTZ AC	
		OPPOSITE KEYWAY SIDE (d)	CENTER POSITION	KEYWAY SIDE (d)							
-711	-211	ON 2-3,5-6	OFF	ON 1-2,4-5	5	2	3	(b) 1	1	2	(c) 25 µA
-721	-221		NONE	OFF							
-731	-231			ON 1-2,4-5							
-741	-241		OFF	NONE							
-771	-271	MOM-ON 2-3,5-6		MOM-ON 1-2,4-5							
-781	-281	NONE									
-811	-311	ON 2-3,5-6									

(a) Direction of movement of internal mechanism is opposite to the direction of the toggle movement
(b) With time constant of .020 ± 002 seconds.
(c) Contact resistance not to exceed 50 ohms during life, low current level switching
(d) Non-functional terminals shall not be supplied

1/ 700 and 800 series toggle seal (water) 15' head, 200 and 300 series toggle seal (water) 1/2" head See note 7.

(J) denotes changes

P A NAVY-AS Other Cust ARMY - ER AF - 85	International Interest ASCCAS 12/16A	TITLE SWITCH, TOGGLE - - POSITIVE BREAK, MINIATURE, TOGGLE SEALED SOLDER LUG, DOUBLE POLE, .469 MOUNTING BUSHING	MILITARY STANDARD MS90311
Procurement Specification MIL-S-8834		SUPERSEDES MS00903111 (USAF)	PAGE 1 OF 2

DD FORM 1 MAY 73 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 5930-1276-2

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APPROVED 13 JUN 66 REVISED (F) 21 Sep 1977 G 31 MARCH 1978 (H) 16 Oct 1979 (J) 18 Oct 1985

User activities Army - MI, AT Navy - Air Force -

Review activities Army - AR, AV Navy - EC Air Force - II, 17, 99

This military standard is approved for use by all Departments and Agencies of the Department of Defense Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable

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	.052	1.32	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		

(J) NOTES·

1. Dimensions are in inches
2. Metric equivalents are given for general information only
3. Unless otherwise specified, tolerances are ± 010 (0 25 mm) on decimals and ± 5° on angles
4. For hardware detail specifications see appendix of MIL-S-8834.
5. In the event of a conflict between the text of this standard and the references cited herein, the text of this standard shall take precedence
6. Referenced Government documents of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this standard to the extent specified herein
7. Toggle seal test Method I for 700 and 800 series, Method II for 200 and 300 series
8. Shock Method I and Method II (high impact). The switch shall be electrically and mechanically operative at the conclusion of the shock test except there can be mechanical transfer of the contact mechanism at all levels when tested in accordance with Method II (high impact).
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 V ac, 60 hertz electrical endurance tests are to be performed at room temperature and pressure.

APPROVED 13 JUN 66 REVISED (J) FOR CHANGE SEE PAGE 2

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Review activities Army - AR, AV Navy - EC Air Force - 11,17,99

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