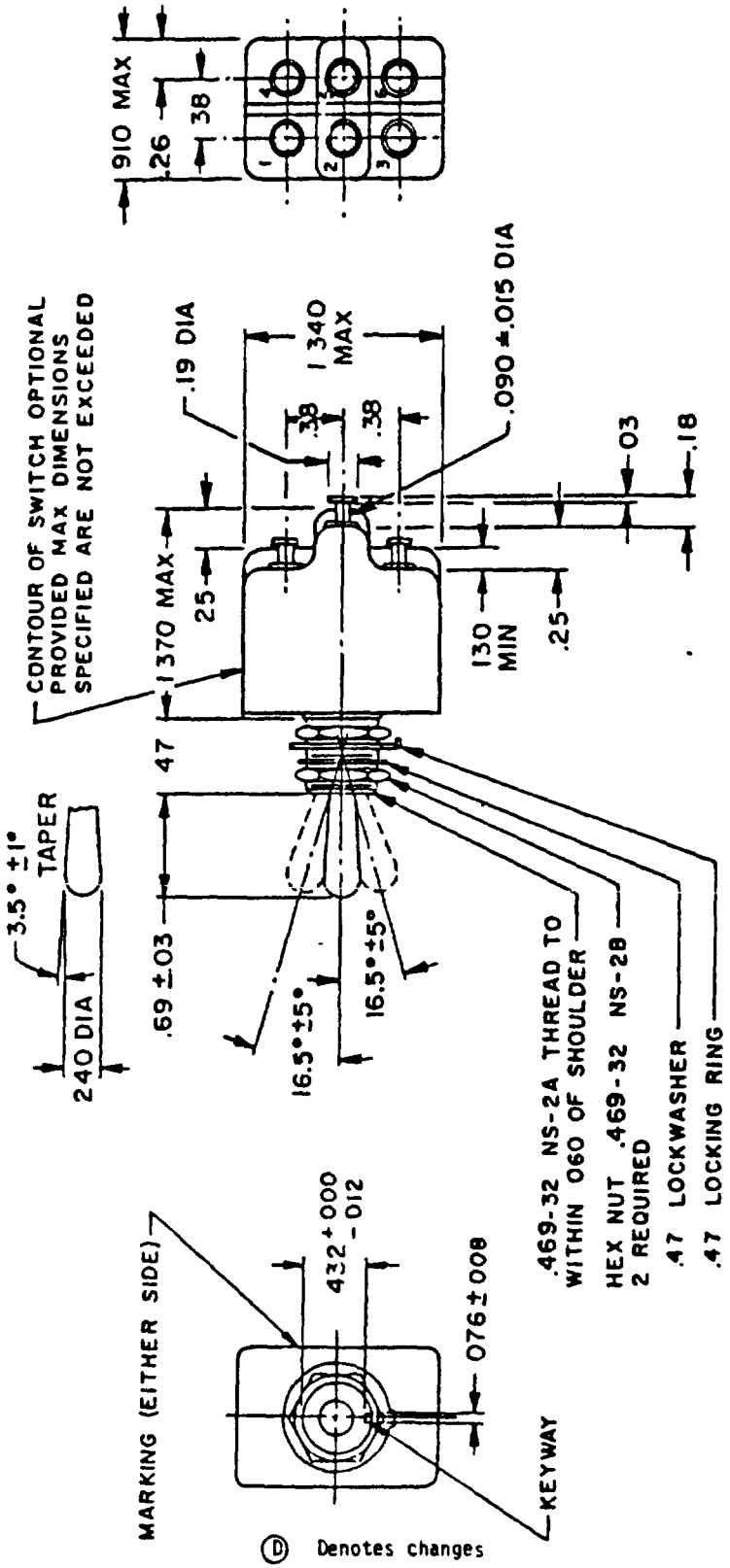
FED. SUP CLASS
5930



Ⓓ Denotes changes

APPROVED 16 Dec 1969 REVISED (A) 15 Sep 1970 (B) 15 May 1972 (C) 25 Apr 1975 (D) 28 Sep 1987

P A Air Force - 85 Other Cust Army - ER Navy - AS	International interest	TITLE SWITCH, TOGGLE, TWO POLE, ENVIRONMENTALLY SEALED, SOLDER TERMINAL	MILITARY STANDARD MS27735
Procurement Specification MIL-S-3950		SUPERSEDES	PAGE 1 OF 3

DD FORM 1 MAY 73 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 5930-1358-15

AMSC N/A

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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

Review activities: Army - AV, Navy - EC, Air Force - 99, DLA - ES

User activity: Air Force - 11

Inches	mm	Inches	mm
.008	0.20	.25	6.4
.012	0.30	.26	6.6
.015	0.38	.38	9.7
.03	0.8	.432	10.97
.076	1.93	.469	11.91
.090	2.29	.47	11.9
.130	3.30	.69	17.5
.18	4.6	.910	23.11
.19	4.8	1.340	34.04
.240	6.10	1.370	34.80

NOTES

1. Dimensions are inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ±.020 (0.51 mm) for two place decimals and ±.005 (0.13 mm) for three place decimals.
4. (D) For hardware detail specifications, see appendix of MIL-S-3950.
5. All switches on this standard are designed so that the movement of the switch mechanism is opposite to that of the toggle lever.
6. Maximum weight is 0.12 pound.
7. (D) In the event of a conflict between the text of this standard and the reference cited herein, the text of this standard shall take precedence.
8. (D) 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.

For change see page 2

APPROVED 16 Dec 1969 REVISED (D)

User activity. Air Force - 11

Review activities: Army - AV
Navy - EC
Air Force - 99
DLA ES

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Detail requirements:

MS part number	Circuit with toggle lever in			Current capacity (amperes) 28 volts dc			Current capacity (amperes) 115 volts, 60 and 400 hertz ac		
	Keying side	Center	Opposite keying side	Lamp-load circuit	Resistive circuit	Inductive circuit	Lamp-load circuit	Resistive circuit	Inductive circuit
MS27735-1	1-2 On 4-5	1-2 On 5-6	2-3 On 5-6	7	20	15	4	15	15
MS27735-2	Mom. 1-2 on 4-5	1-2 On 5-6	2-3 On 5-6	5	18	10	2	11	8
MS27735-3	Mom. 1-2 on 4-5	1-2 On 5-6	Mom. 2-3 on 5-6						
MS27735-21	1-2 On 4-5	Off	2-3 On 5-6	7	20	15	4	15	15
MS27735-22	Off	None	2-3 On 5-6						
MS27735-23	1-2 On 4-5	None	2-3 On 5-6						
MS27735-24	None	Off	2-3 On 5-6						
MS27735-25	None	Mom. off	2-3 On 5-6	5	18	10	2	11	8
MS27735-26	Mom. 1-2 on 4-5	None	2-3 On 5-6						
MS27735-27	Mom. 1-2 on 4-5	Off	Mom. 2-3 on 5-6						
MS27735-28	Mom. 1-2 on 4-5	Off	None						
MS27735-29	Mom. off	None	2-3 On 5-6						
MS27735-30	Mom. 1-2 on 4-5	None	Off						
MS27735-31	Mom. 1-2 on 4-5	Off	2-3 On 5-6						
MS27735-32	None	1-2 On 4-5	Mom. 2-3 on 5-6						
MS27735-33	None	1-2 On 4-5	2-3 On 5-6	7	20	15	4	15	15