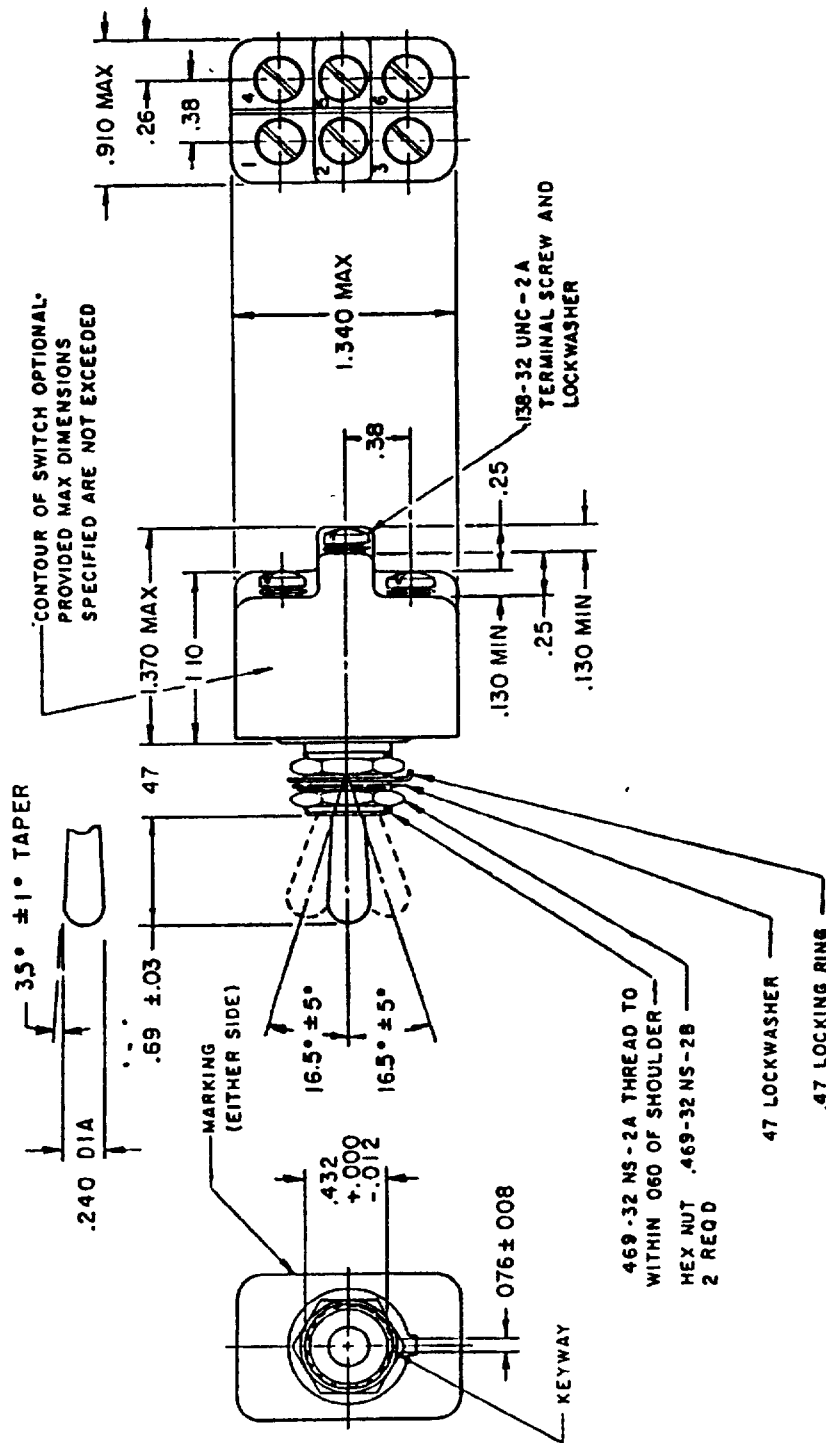


User activity: Air Force - 11  
 Review activities: Army - AV  
 Navy - EC  
 Air Force - 99  
 DLA - ES

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.



Ⓧ Denotes changes

P A Air Force - 85 Other Cust Army - ER Navy - AS	International Interest	TITLE SWITCH, TOGGLE, TWO POLE, ENVIRONMENTALLY SEALED	MILITARY STANDARD
			MS27407
Procurement Specification MIL-S-3950	SUPERSEDES		PAGE 1 OF 3

DD FORM 1 MAY 73 672  
 AMSC N/A

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APPROVED 19 Apr 11 1965 REVISED (A) 20 Apr 11 1967 (B) 16 Sep 1969 (C) 14 May 1974 (D) 28 Sep 1987

FED. SUP CLASS  
5930

User activity: Air Force - 11

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

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Inches	MM	Inches	MM
.005	0.13	.26	6.6
.008	0.20	.38	9.7
.012	0.30	.432	10.97
.020	0.38	.47	11.9
.03	0.8	.69	17.5
.060	0.51	.910	23.11
.076	1.93	1.10	27.9
.130	3.30	1.340	34.04
.240	6.10	1.370	34.80
.25	6.4		

NOTES:

1. Dimensions are inches.
- ② Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is  $\pm 0.020$  (0.51 mm) for two place decimals and  $\pm 0.005$  (0.13 mm) for three place decimals.
- ④ 4. For hardware and terminal screw 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 0.20 pound.
- ⑦ 7. 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 8. 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.

APPROVED 19 April 1965 REVISED ④ For changes see page 2

P A Air Force - 85 Other Cust Army - ER Navy - AS	International Interest	TITLE SWITCH, TOGGLE, TWO POLE, ENVIRONMENTALLY SEALED	MILITARY STANDARD
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Review activities: Army - AV  
Navy - EC  
Air Force - 99  
DLA - ES

User activity: Air Force - 11

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
MS27407-1	1-2 On 4-5	2-3 On 4-5	2-3 On 5-6	7	20	15	4	15	15
MS27407-2	1-2 on 4-5 Nom.	2-3 On 4-5	2-3 On 5-6	5	18	10	2	11	8
MS27407-3	1-2 on 4-5 Nom.	2-3 On 4-5	2-3 on 5-6 Nom.						
MS27407-4	1-2 On 4-5	1-2 On 5-6	2-3 On 5-6	7	20	15	4	15	15
MS27407-5	1-2 on 4-5 Nom.	1-2 On 5-6	2-3 On 5-6	5	18	10	2	11	8
MS27407-6	1-2 on 4-5 Nom.	1-2 On 5-6	2-3 On 5-6 Nom.						

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