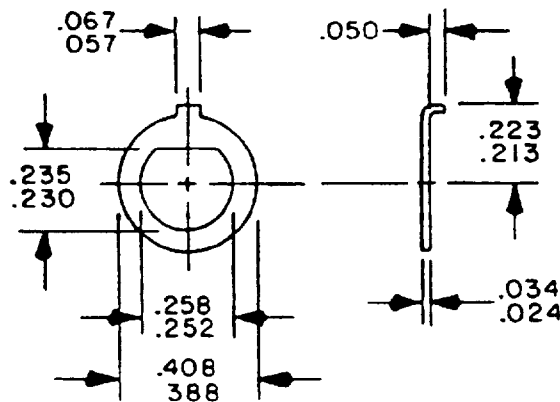
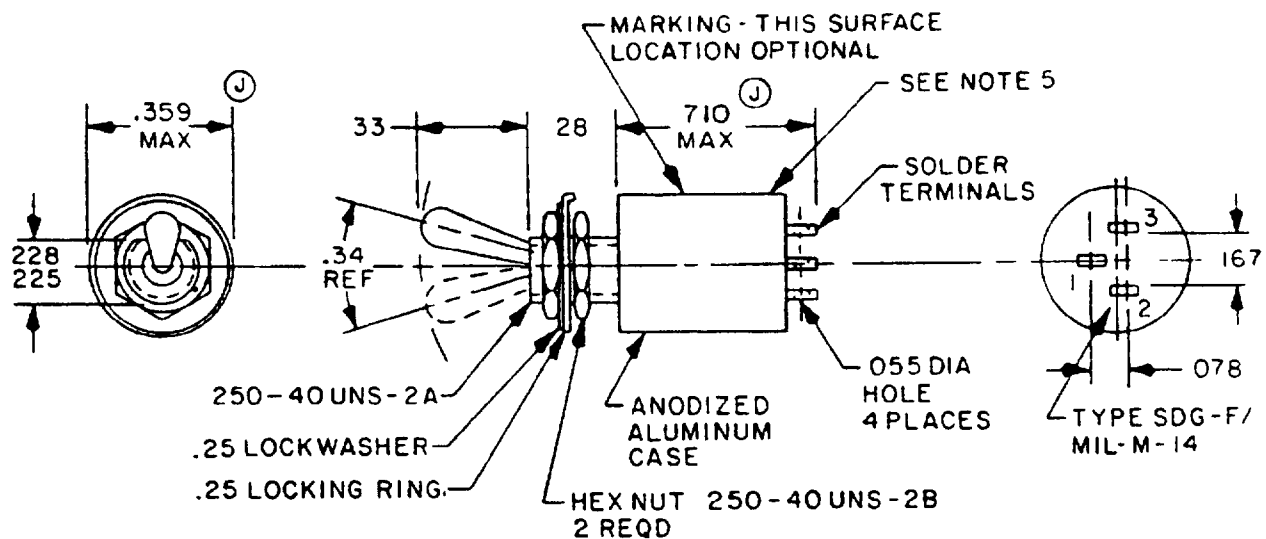
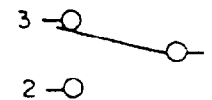
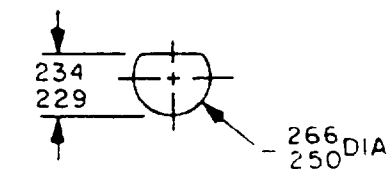
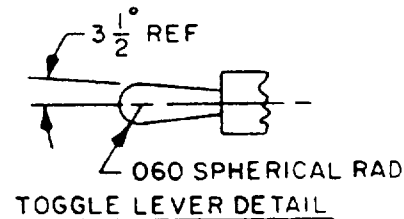


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT, INCLUDING THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE
MIL-S-83731



WASHER, KEY "D"



SCHEMATIC DIAGRAM
(CIRCUIT INDICATED IS
WITH TOGGLE LEVER IN
KEYING SIDE)

MILITARY PART NUMBER

MS18151-1

(J) Denotes changes

PREPARING ACTIVITY Air Force - 85
CUSTODIANS ARMY ER NAVY EC
AIR FORCE DLA
Army-AV Navy - 85
REVIEW Air Force-11 99 DLA-ES
USER
PROJECT NUMBER 5930-1455

TITLE
MILITARY SPECIFICATION SHEET
SWITCH, TOGGLE, ONE POLE.
SEALED TOGGLE

SPECIFICATION SHEET NUMBER

MS18151J 18 July 1991

SUPERSEDING
MS18151H 15 Nov 1980

AMSC N/A FSC 5930

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Page 1 of 2

Department Defense

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION MIL-S-83731

THIS SPECIFICATION IS APPROVED FOR USE BY all Departments and Agencies of the Department of Defense.

Form Approved
OMB No 0704 0188

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
024	61	078	1 98	229	5 82	258	6 55	408	10 36
034	86	167	4 24	230	5 84	.266	6.76	688	17 48
055	1 40	213	5 41	234	5 94	28	7 1		
057	1 45	223	5 66	235	5 97	33	8 4		
060	1 52	225	5 72	250	6 35	349	8.86		
067	1 70	228	5 79	252	6 40	388	9 86		

DETAIL REQUIREMENTS

- 1 All switches on this standard are designed so that the movement of the switch mechanism is the same as that of the toggle lever
- 2 Switching action Keying side - On, Center - None, Opposite side - On
- 3 Electrical ratings

(J)

	28 Vdc	125 Vdc	115 VAC 60 and 400 Hz
RES	1 5 A	0 1 A	1 0 A
IND	0 5 A	0 1 A	0 5 A
LAMP	0 5 A	0 1 A	0 5 A

- 4 Strength of actuating lever pivot and lever stop 12 pounds
- 5 Dielectric withstanding voltage
Initial - 1,000 V (sea level), 400 V (altitude)
After endurance tests - 600 V
- 6 Shock - Method II
- 7 Operating temperature range -40° to +71°C
- 8 Short circuit Method II
- 9 Weight 0 010 pound maximum
- 10 Electrical life at 65,000 ft altitude 2,000 cycles

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 $\pm .005$ (13 mm) for three place decimals and $\pm .01$ (5 mm) for two place decimals
- 4 For hardware detail specifications see appendix MIL-S-83731
- 5 Contour of switch optional provided maximum dimensions specified are not exceeded
- 6 Referenced documents shall be of the issue in effect on date of invitation for bid
- 7 For design feature purposes, this standard takes precedence over procurement documents referenced herein.

PREPARING ACTIVITY Air Force - 85
CUSTODIANS ARMY ER NAVY EC
AIR FORCE DLA
Army-AV Navy-AS
REVIEW Air Force-11, 99 DLA-es
USER
PROJECT NUMBER 5930-1455

MILITARY SPECIFICATION SHEET
TITLE SWITCH, TOGGLE, ONE POLE,
SEALED TOGGLE

SPECIFICATION SHEET NUMBER

MS18151J

SUPERSEDING
MS18151J 14 Nov 1980

AMSC N/A FSC 5910

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