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**REV.
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SAE AS55941/2

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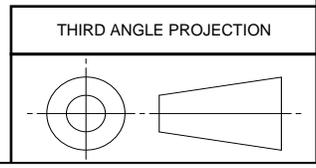
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CUSTODIAN: AE-8/AE-8B2

PROCUREMENT SPECIFICATION: MIL-S-5594



AEROSPACE STANDARD
SWITCH, TOGGLE, MAGNETIC HOLD-IN, DPDT

SAE AS55941/2

**REV.
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ISSUED 2004-04 STABILIZED 2013-04

NOTICE

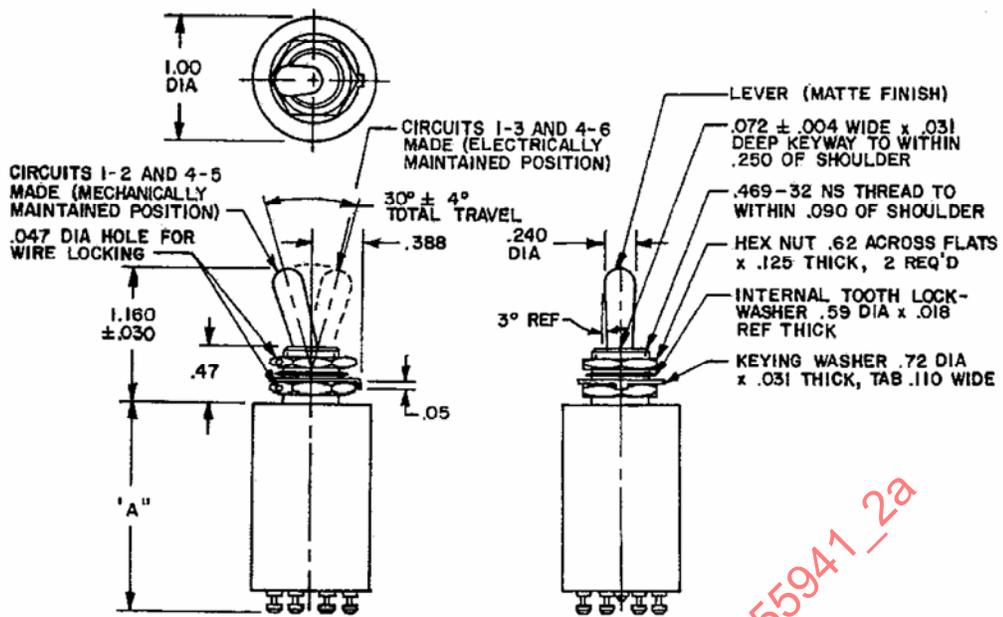
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	SWITCH, TOGGLE, MAGNETIC HOLD-IN, DPDT		

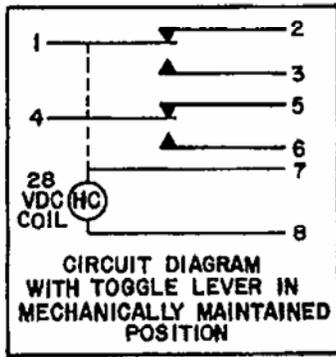


PART NO.	"A" MAX
M5594/2-1	1.870
M5594/2-2	1.975



FIGURE 1. SWITCH.

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INCHES	MM	INCHES	MM	INCHES	MM
.004	.10	.090	2.29	.59	15.0
.018	.46	.110	2.79	.62	15.8
.030	.76	.240	6.10	.72	18.3
.031	.79	.250	6.35	1.00	25.4
.047	1.19	.388	9.86	1.160	29.46
.05	1.27	.469	11.91		
.072	1.83	.47	11.9		

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 ± 0.005 (.13 mm) on three place decimals and ± 0.02 (.5 mm) on two place decimals.
4. Energizing the coil will not cause transfer of circuits.
5. M5594/2-2 is suitable for operation in an ambient temperature of 180° F.

FIGURE 1. SWITCH - CONTINUED.

REQUIREMENTS:

DIMENSIONS AND CONFIGURATION: SEE FIGURE.

WEIGHT: 4 OZ. MAXIMUM.

MATERIAL:

TOGGLE LEVER AND BUSHING: CORROSION RESISTANT STEEL.
HOUSING: STEEL WITH AN EPOXY BASED ENAMEL FINISH.

OPERATING CHARACTERISTICS: SEE TABLE I.

ELECTRICAL RATINGS: SEE TABLE II.

QUALIFICATION:

GROUP SUBMISSION: SEE TABLE III.

ENCLOSURE DESIGN: ALL ENTRANCES TO THE SWITCH CAVITY EXCEPT THROUGH THE TOGGLE BUSHING SHALL BE SEALED BY FUSION OF GLASS TO METAL, METAL TO METAL, OR CERAMIC TO METAL.