

MICRO SWITCH

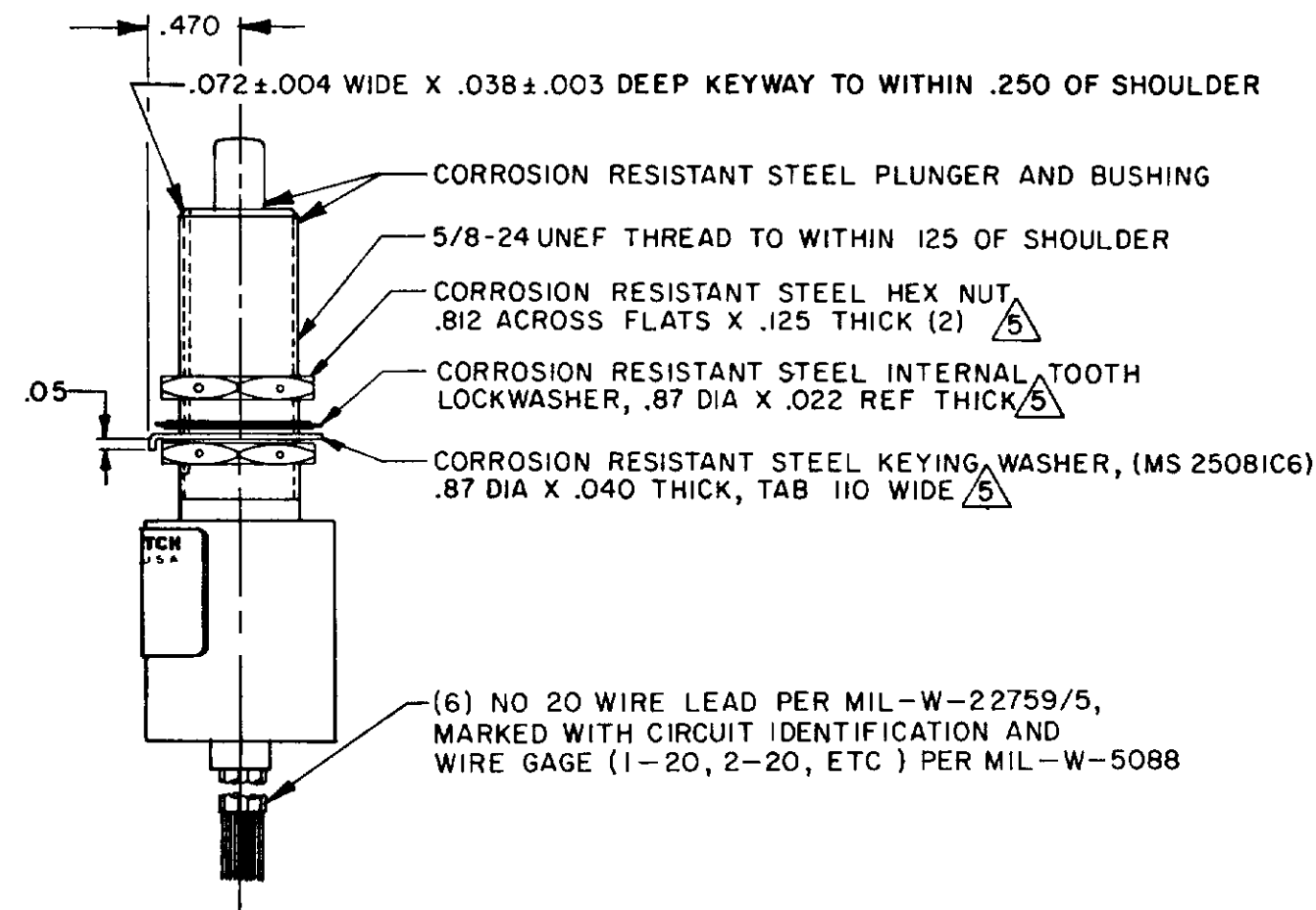
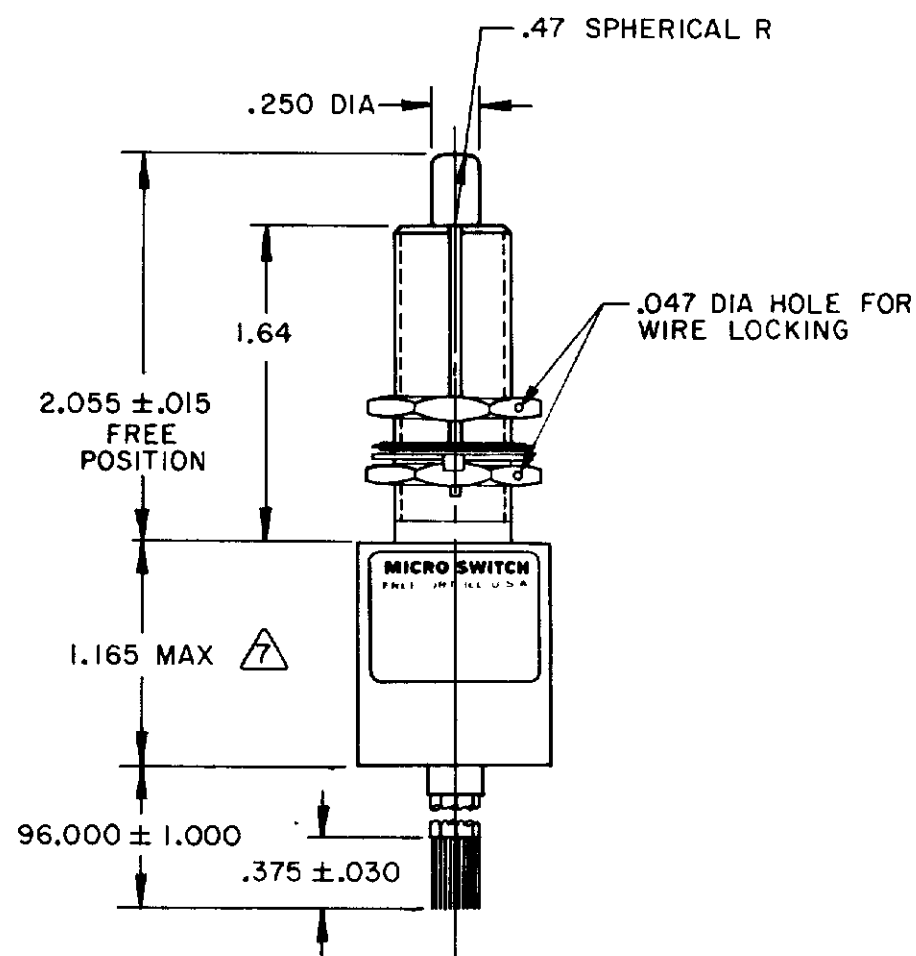
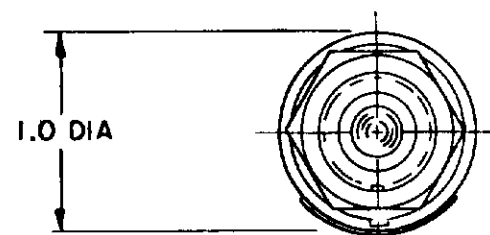
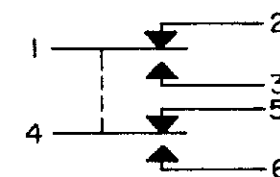
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL

FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
1EN331-8B

CIRCUIT DIAGRAM



NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 3 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 5 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805
- 6 - AT FULL OVERTRAVEL THE PLUNGER WILL BE UNDERFLUSH WITH THE BUSHING
- 7 - THIS DIMENSION EXCLUDES THE RESILIENT POTTING MATERIAL ON BOTTOM OF SWITCH

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:

NO. PLACES	IN	TOL.	IN	TOL.
ONE PLACE	IN	1/100	IN	0.005
TWO PLACES	IN	0.001	IN	0.0005
THREE PLACES	IN	0.0001	IN	0.00005

DESIGN UNITS: SI METRIC ☐ US CUSTOMARY ☒

MAX. MATERIAL—COMMERCIAL STANDARD
MICRO SWITCH STANDARDS APPLY
DIMENSIONS ARE TO BE MET BEFORE
PROTECTIVE COATINGS ARE APPLIED

WEIGHT 11.3 OZ MAX

CHARACTERISTICS

OPERATING FORCE	6-12 LBS
FULL OVERTRAVEL FORCE	30 LBS MAX
RELEASE FORCE	4 LBS MIN
PRETRAVEL	.040 MAX
DIFFERENTIAL TRAVEL	.020 MAX
OVERTRAVEL	.250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT S P D T (2)		
28 VDC		
LOAD	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	

1EN331-8B

M

DRAWING
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RELEASE NO. PR-4190-T

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Mouser Electronics

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