

**MICRO SWITCH**  
FREEPORT, ILLINOIS USA  
A DIVISION OF HONEYWELL  
FED. MFG. CODE 91929

# SWITCH - ENCLOSED

CATALOG LISTING  
**41EN1-6**  
MILITARY STANDARD  
MS 24420-1

**41EN1-6**  
REPLACES  
RELEASE NO. SR-4671

**M**  
DRAWING  
NUMBER  
**32363637**

REVISIONS  
A NEW 044635  
14 NOV 78  
B C047573  
TSM 11 AUG 80  
C CO 49806  
TSK 25 SEP 81  
D C057370  
JAP 16 MAY 85  
E C059223  
JAP 27 MAR 86  
F CO 75787-C  
DAW 11 MAY 94  
27 NOV 94  
CHECK

FO 82851-A

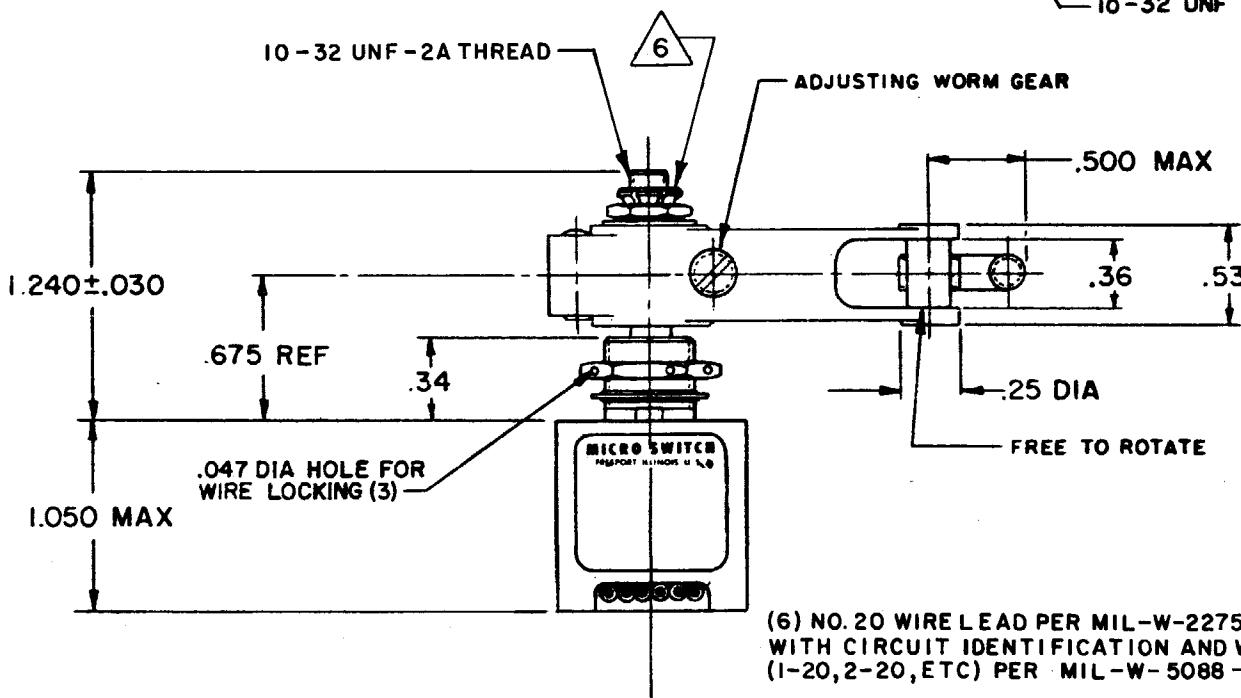
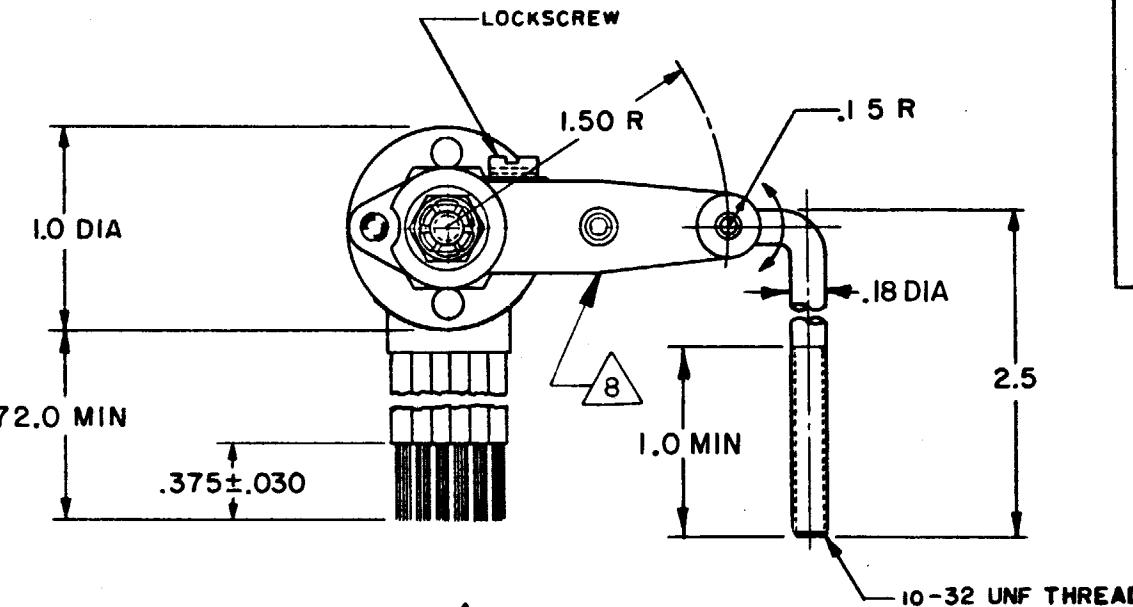
DRAWN

TRF

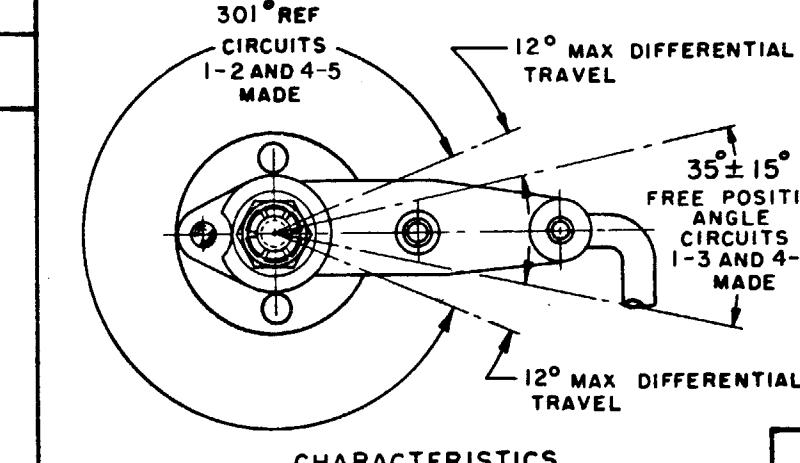
13 NOV 78

CLH

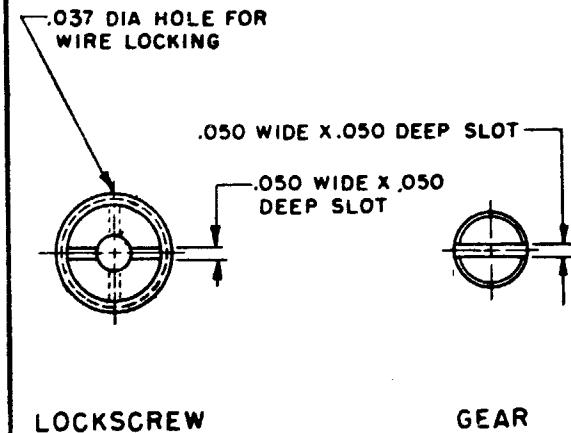
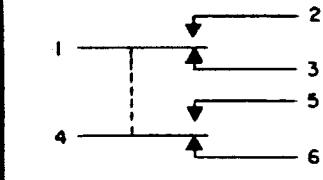
CHECK



(6) NO. 20 WIRE LEAD PER MIL-W-22759/7 MARKED  
WITH CIRCUIT IDENTIFICATION AND WIRE GAGE  
(1-20, 2-20, ETC) PER MIL-W-5088



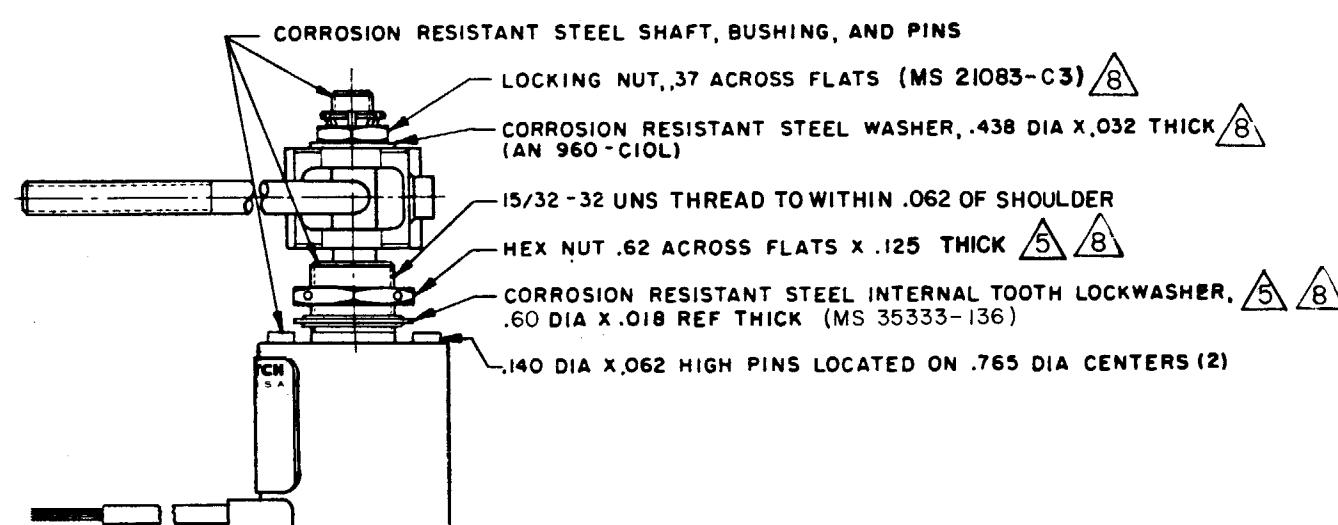
## CHARACTERISTICS



LOCKSCREW

GEAR

LEVER MAY BE ADJUSTED FOR AN INFINITE NUMBER OF POSITIONS THRU 360°. ADJUSTMENT IS MADE BY LOOSENING THE LOCKING NUT AND THEN THE LOCKSCREW AND TURNING GEAR UNTIL LEVER IS IN DESIRED POSITION. LOCKSCREW AND LOCKNUT ON SHAFT IS THEN TIGHTENED TO POSITIVELY LOCK LEVER IN POSITION.  
LEVER ADJUSTMENT DETAIL - SCALE 2 TO 1



## NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - UNIT PROVIDES NO SHAFT RESTORING TORQUE. THE ACTUATING DEVICE MUST CONTROL MOVEMENT OF THE SHAFT
- 3 - CIRCUIT DIAGRAM, CATALOG LISTING AND MILITARY STANDARD NO. MS 24420-1 ARE SHOWN ON NAMEPLATE
- 4 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 5 - REPLACEMENT MOUNTING HARDWARE - PACKET 19PA10
- 6 - DO NOT APPLY MORE THAN 20-25 INCH-POUNDS OF TORQUE WHEN TIGHTENING LOCKING NUT
- 7 - APPLICATION INFORMATION ONLY
- 8 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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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	DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
ONE PLACE	X	1/10	0.04/0.016	X.X
TWO PLACES	X.X	0.15/0.008	X.XXX	0.008/0.005
THREE PLACES	X.XX			
ANGLES				

DESIGN UNITS  SI METRIC  US CUSTOMARY

RAW MATERIAL - COMMERCIAL STANDARD  
MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE  
PROTECTIVE COATINGS ARE APPLIED

WEIGHT .52 LB

CHARACTERISTICS  
OPERATING TORQUE --- 3 IN-LB MAX  
PRETRAVEL  
DIFFERENTIAL TRAVEL } SEE DETAIL  
OVERTRAVEL  
FREE POSITION

ELECTRICAL DATA  
CONTACT ARRANGEMENT  
SPDT (2)

LOAD 28 VDC

SEA LEVEL 50,000 FT.

RES 4 4

IND 3 1

MOTOR 4 4 / 7

LAMP 2.4 2.4