

MICRO SWITCH

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

FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING

44EN1-6

MILITARY STANDARD

MS 24420-4

44EN1-6

M

DRAWING
NUMBER

2826

ISSUE

2728

REVISIONS

A	NEW Dwg	14 NOV 78
B	CO47573	TSM
C	CO49806	11 AUG 80
D	CO75787-C	25 SEPT 81
E	CO75787-C	16 MAY 84

REPLACES

RELEASE NO. SR-5109

CHECK

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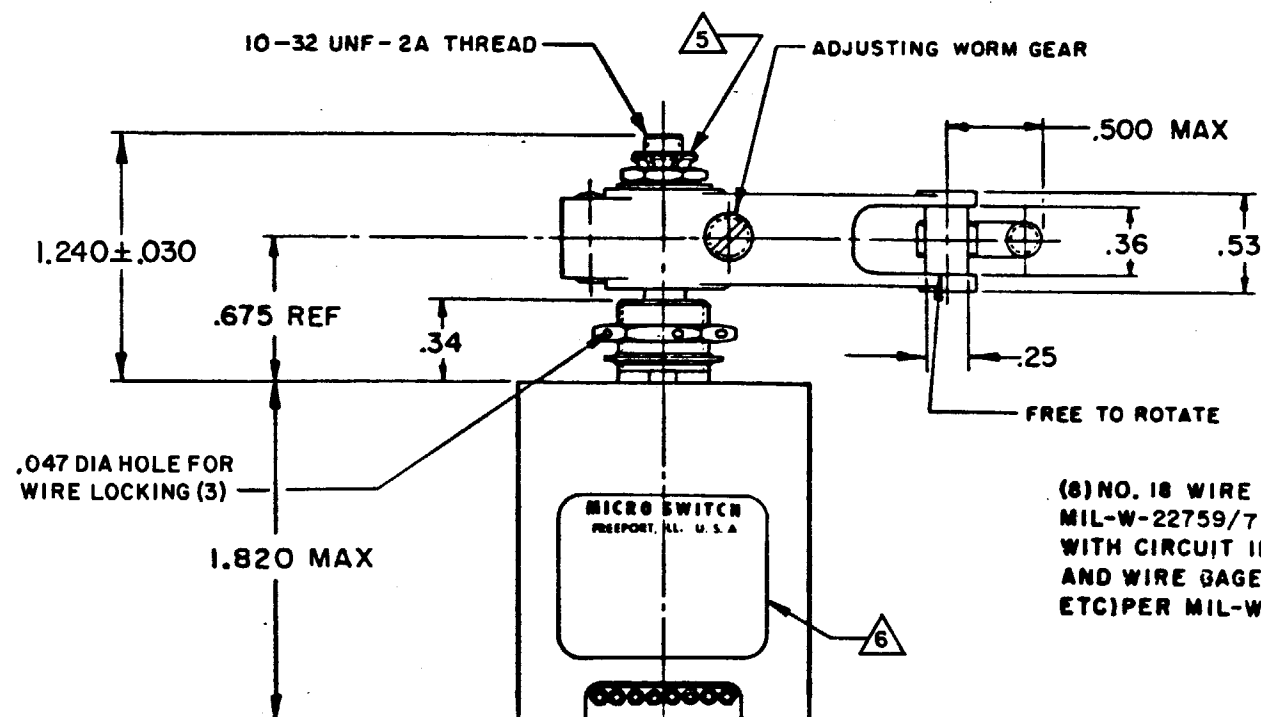
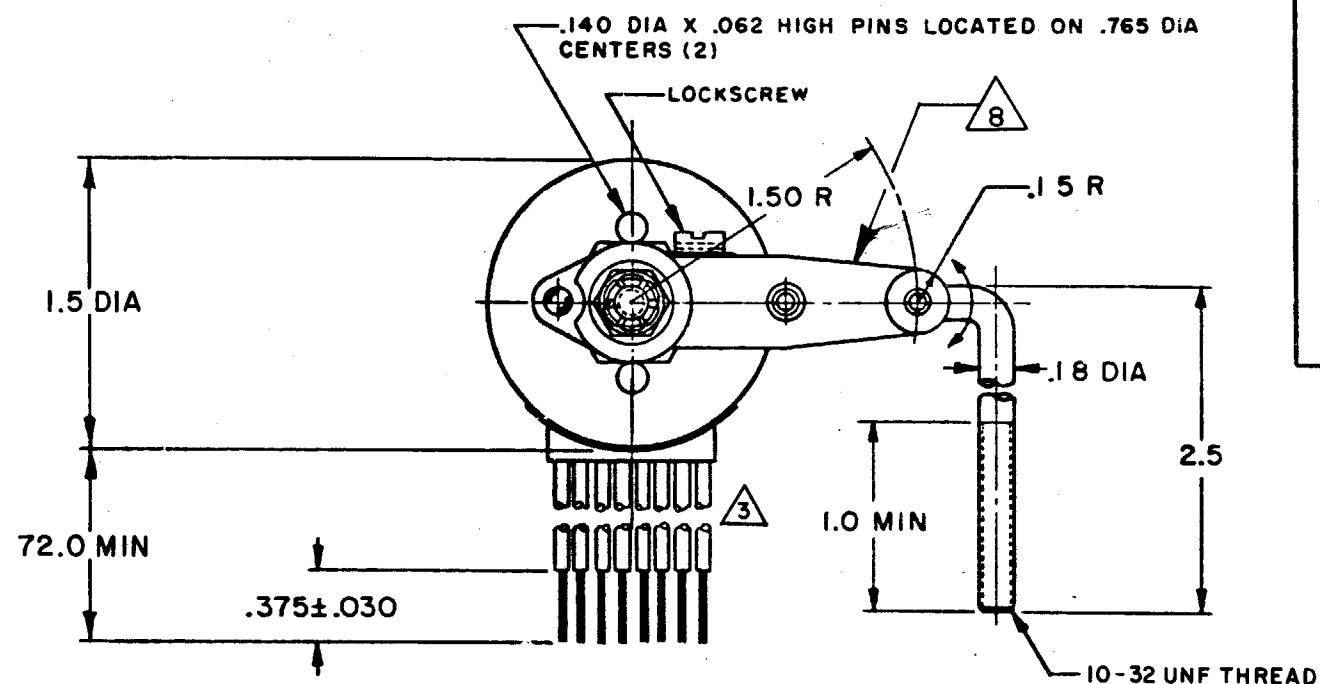
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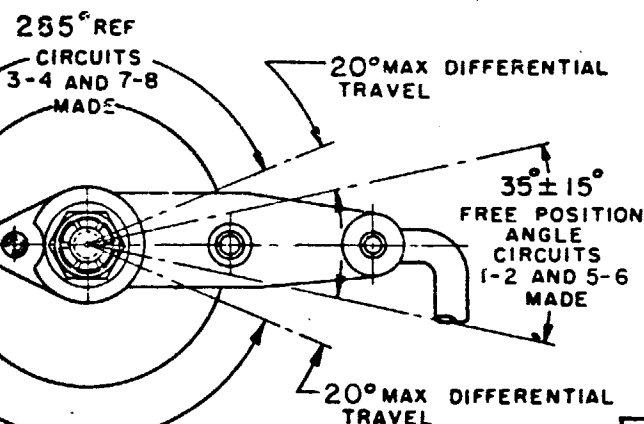
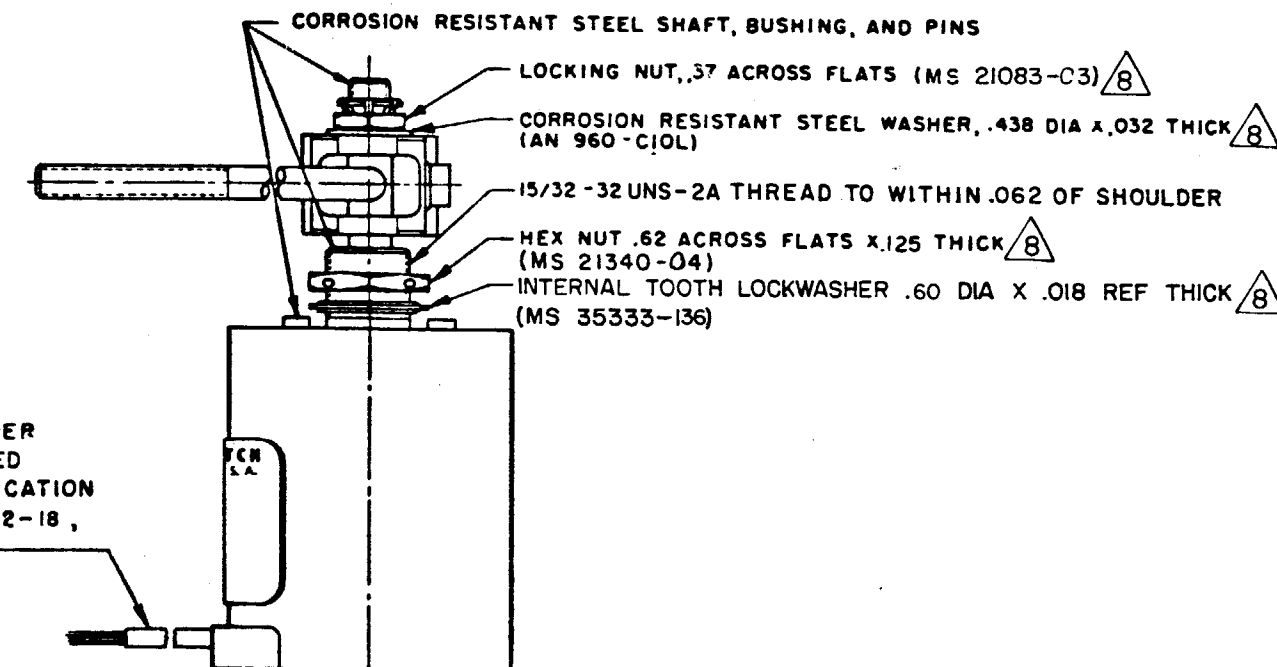
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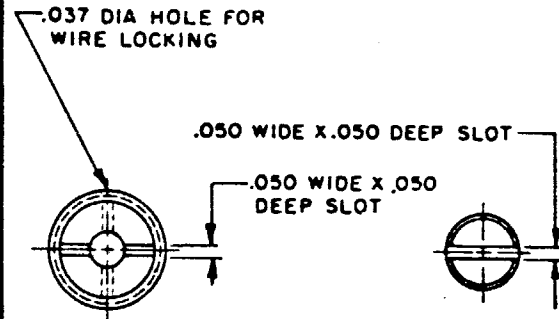
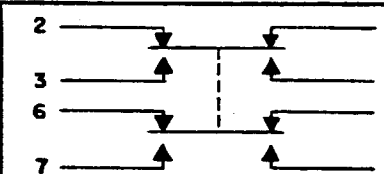
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(8) NO. 18 WIRE LEAD PER
MIL-W-22759/7 MARKED
WITH CIRCUIT IDENTIFICATION
AND WIRE GAGE (1-18, 2-18,
ETC) PER MIL-W-5088



CHARACTERISTICS



LOCKSCREW
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.

GEAR
LEVER ADJUSTMENT DETAIL
SCALE 2 TO 1

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 3 - LEADS PARALLEL WITH CENTERLINE OF MOUNTING PINS WITHIN 10°
- 4 - UNIT PROVIDES NO SHAFT RESTORING TORQUE. THE ACTUATING DEVICE MUST CONTROL MOVEMENT OF THE SHAFT
- 5 - DO NOT APPLY MORE THAN 20-25 INCH-POUNDS OF TORQUE WHEN TIGHTENING LOCKING NUT
- 6 - CIRCUIT DIAGRAM, CATALOG LISTING AND MIL STD NO. MS24420-4 ARE SHOWN ON NAMEPLATE
- 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 ±

DIM.	TOL.	DIM.	TOL.
NO PLACES	±	17.00	±
ONE PLACE	±	0.01/0.018	±
TWO PLACES	±	0.001/0.002	±
THREE PLACES	±	0.0001/0.0002	±

DESIGN UNITS

RAW MATERIAL-COMMERCIAL STANDARD

MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED

WEIGHT 1.10 LB

CHARACTERISTICS

OPERATING TORQUE ---- 10 IN-LB MAX

PRETRAVEL
DIFFERENTIAL TRAVEL
OVERTRAVEL
FREE POSITION

SEE DETAIL

ELECTRICAL DATA

CONTACT ARRANGEMENT
(SEE CIRCUIT DIAGRAM)

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	15	15
IND	10	10
MOTOR	5	5
LAMP	3.0	3.0