

MICRO SWITCH

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

FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
404EN64-6

404EN64-6

M

DRAWING
NUMBER

14

13

12

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RELEASE NO

PR-2029

CHECK

18JAN08

BLR

CHECK

15 MAY 85

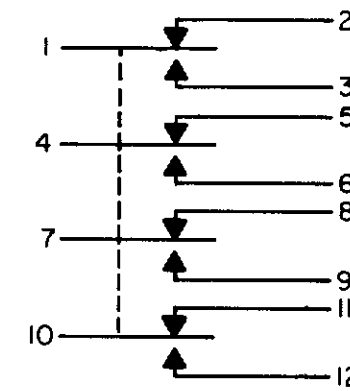
1 OCT 79

C E B

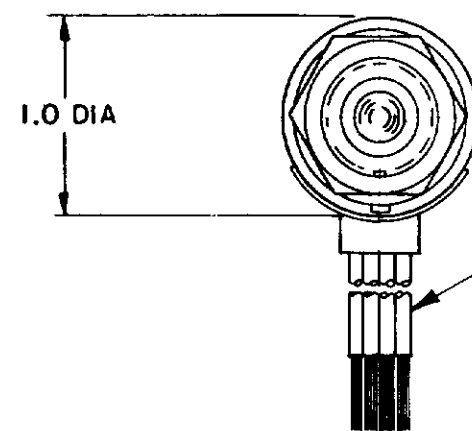
CHECK

1 OCT 79

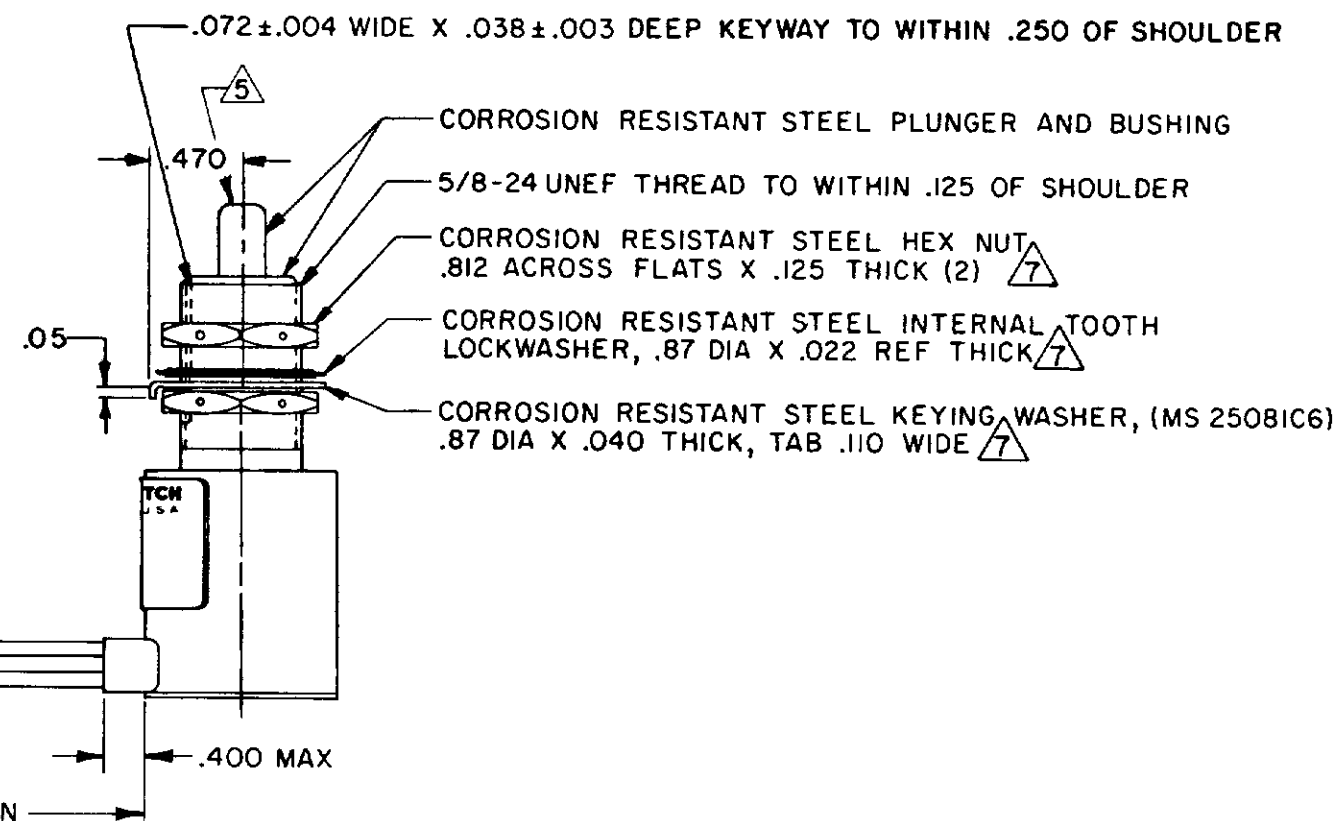
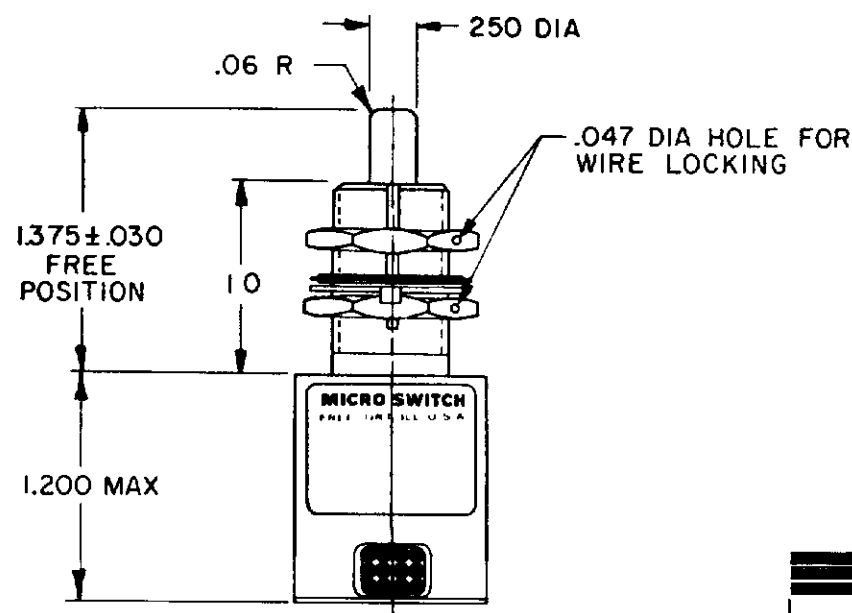
C E B



CIRCUIT DIAGRAM



NO. 20 WIRE LEAD PER MIL-W-81044/9
MARKED WITH CIRCUIT IDENTIFICATION
AND WIRE GAGE (1-20, 2-20, ETC) PER
MIL-W-5088 (12)

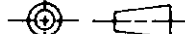


NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-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 - EXTERNAL PLUNGER THROUGH HARDENED 37 ROCKWELL C MIN
- 6 - BASIC SWITCHES HAVE SOLID GOLD CONTACT MATERIAL
- 7 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-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
mm	in	mm	in
NO PLACES	1/64	2 X	0.010
ONE PLACE	0.001	3 X	0.005
TWO PLACES	0.0005	4 X	0.0025
THREE PLACES	0.0002	5 X	0.001
FOUR PLACES	0.0001	6 X	0.0005

DESIGN UNITS
SI METRIC ☐ US CUSTOMARY ☒

PAS MATERIAL-COMMERCIAL STANDARD
MICRO SWITCH STANDARDS APPLY
DIMENSIONS ARE TO BE MET BEFORE
PROTECTIVE COATINGS ARE APPLIED

WEIGHT 8.8 OZ MAX

CHARACTERISTICS	ELECTRICAL DATA
OPERATING FORCE ----- 9 LB MAX	CONTACT ARRANGEMENT S P D T (4)
FULL OVERTRAVEL FORCE ----- 30 LB MAX	
RELEASE FORCE ----- 3 LB MIN	
PRETRAVEL ----- .040 MAX	
DIFFERENTIAL TRAVEL ----- .020 MAX	
OVERTRAVEL ----- .250 MIN	

LOAD	28 VDC
SEA LEVEL	50,000 FT.
RES	
IND	

FO-32851-A

DRAWN