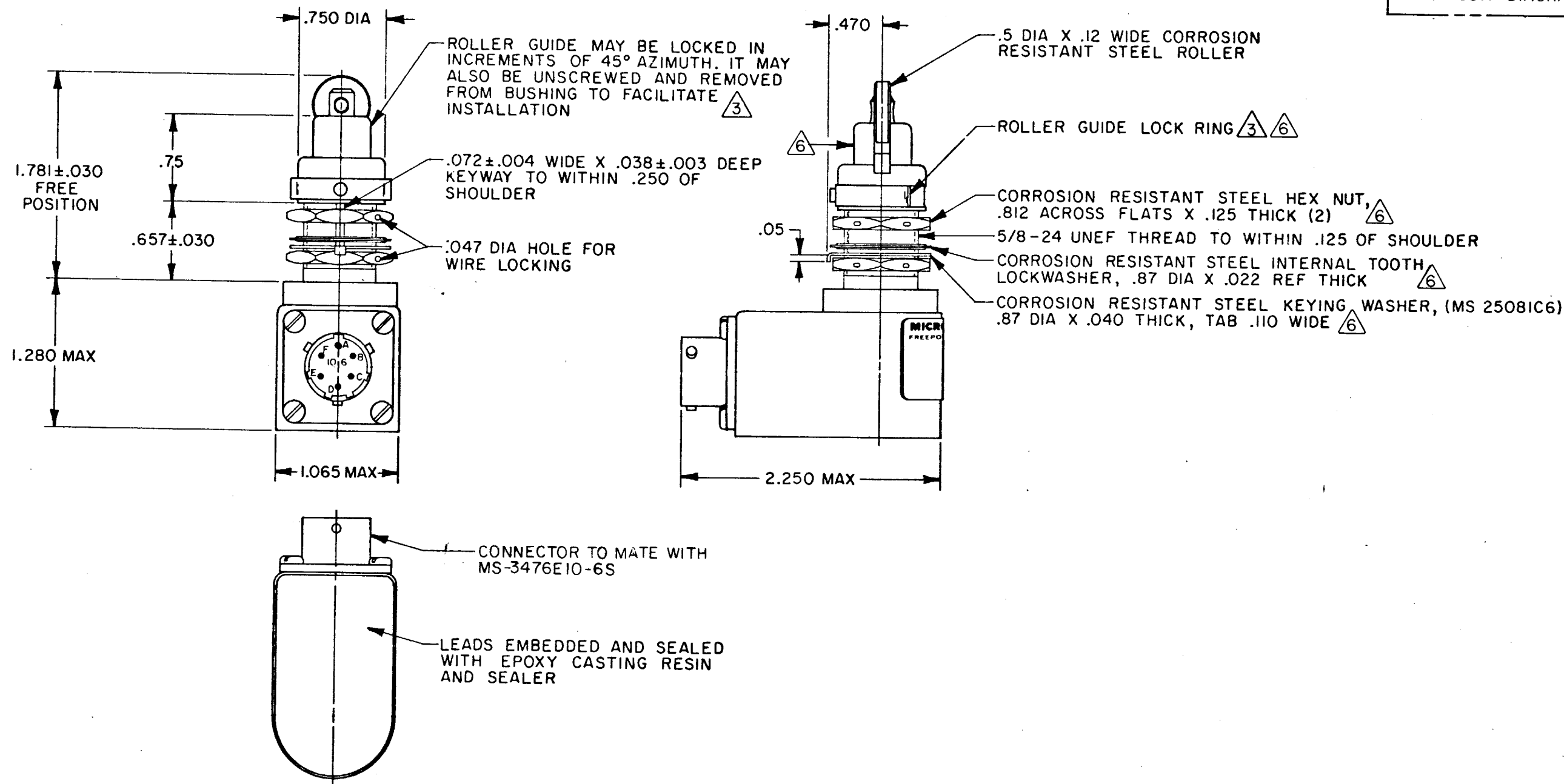
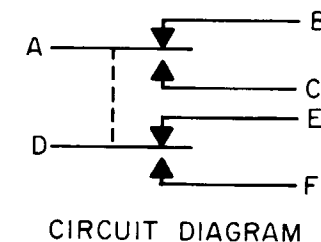


MICRO SWITCH
FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

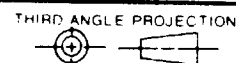
SWITCH-ENCLOSED

CATALOG LISTING
21EN51-R3 ★



21EN51-R3
M
DRAWING NUMBER
12
ISSUE
10/12
RELEASE NO. PR-2840
REPLACES
CHECK
REVISIONS
A CO 44351
S L B 14 SEPT 79
B CO47573 PART 4
R J H 8 AUG 80
C CO 48563-B
W J M 26 OCT 81
D CO68501
T S M 22 FEB 91
E CO71719
L J F 3 JAN 92
FO-52851-A
DRAWN
S L B 14 SEPT 79
CHECK
CEB
E O U T 70

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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	mm/in	in	mm/in
NO PLACES	X	1/04	
ONE PLACE	X,X	0.4/016	X,X
TWO PLACES	X,XX	0.15/006	X,XX
THREE PLACES	X,XXX		
ANGLES			

DESIGN UNITS ☐ METRIC ☒ US CUSTOMARY

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

WEIGHT 6 OZ MAX

CHARACTERISTICS

OPERATING FORCE ——— 3- 6 LB
FULL OVERTRAVEL FORCE ——— 17 LB MAX
RELEASE FORCE ——— 2 LB MIN
PRETRAVEL ——— .040 MAX
DIFFERENTIAL TRAVEL ——— .020 MAX
OVERTRAVEL ——— .250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T (2)

LOAD	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 3 - TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING
- 4 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 5 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 6 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805