

MICRO SWITCH

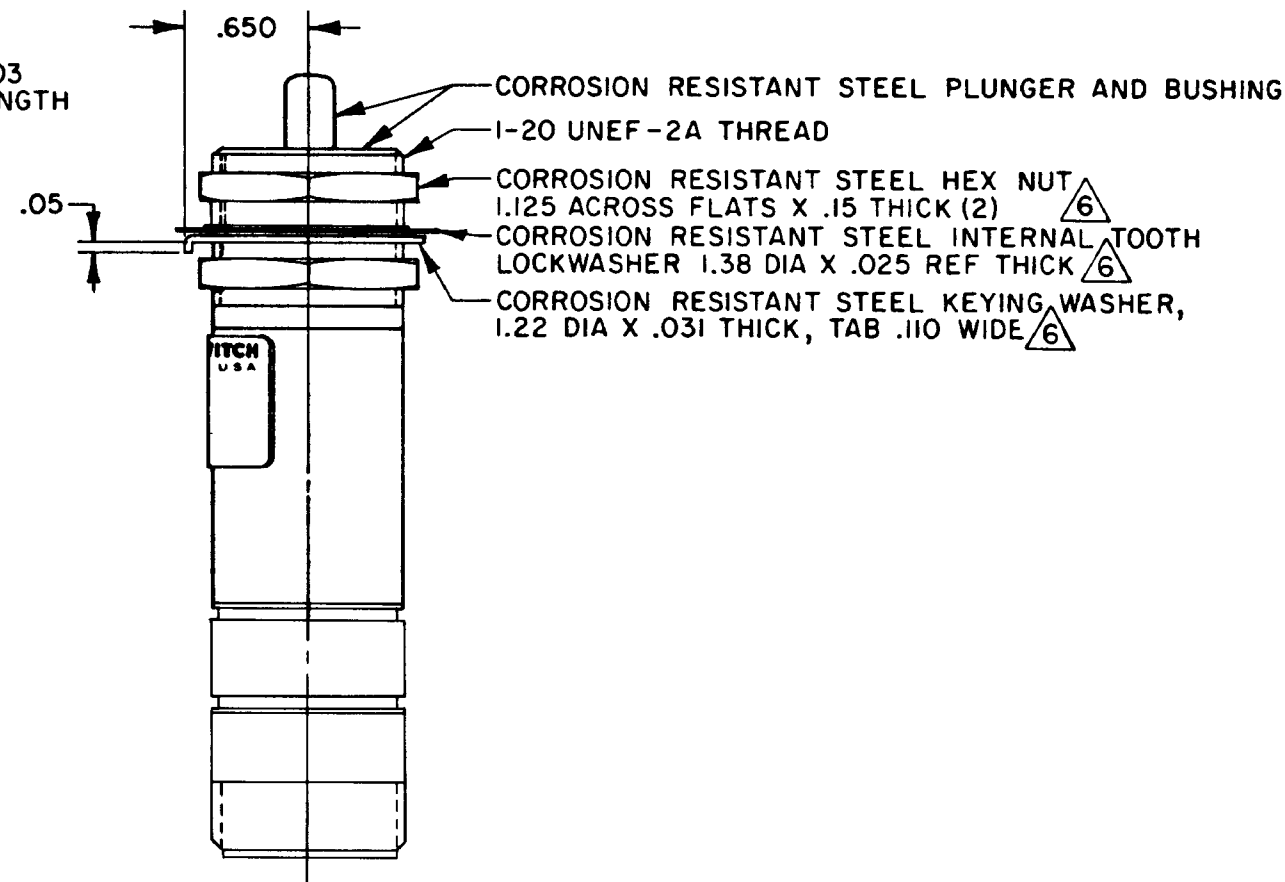
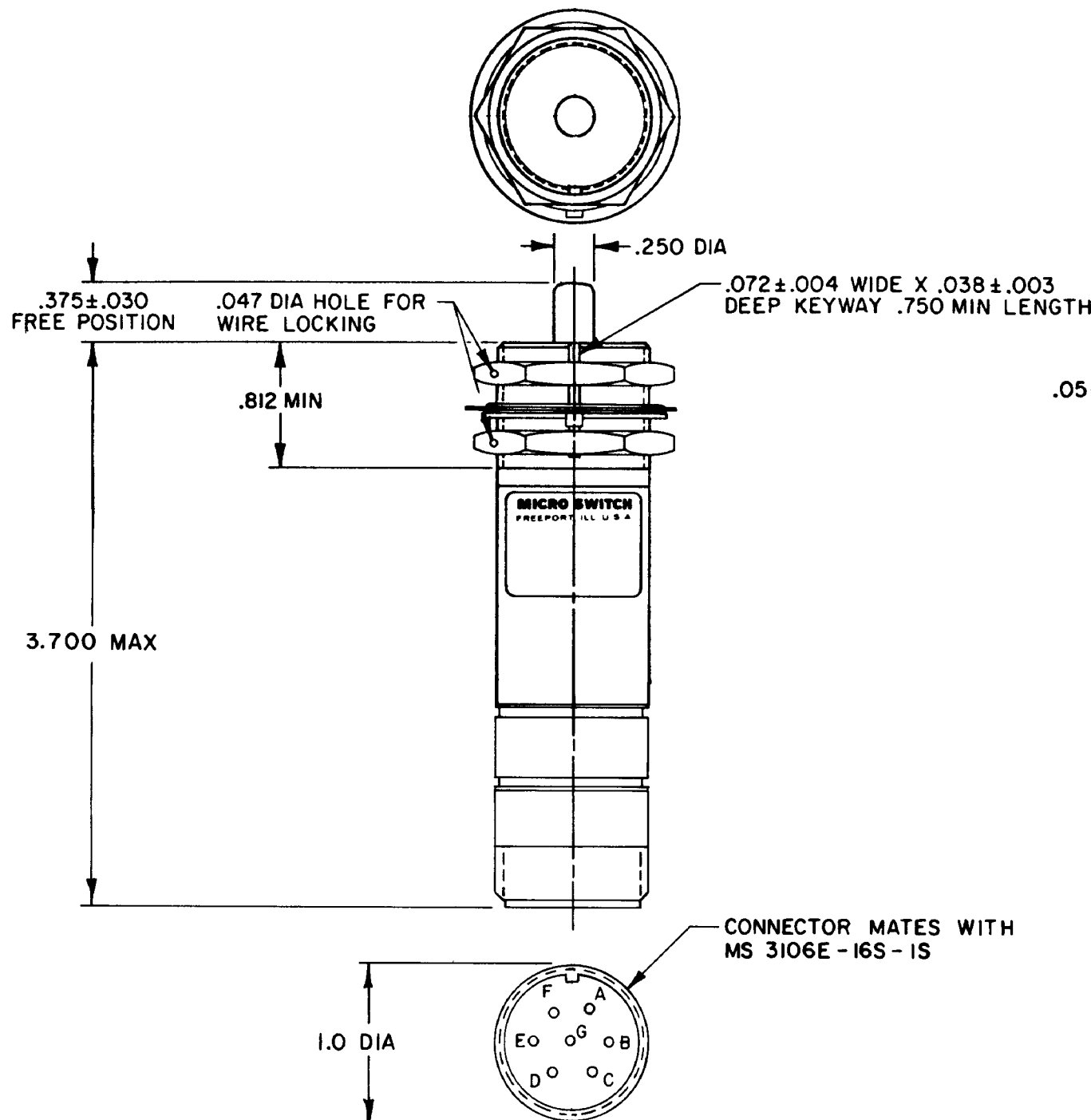
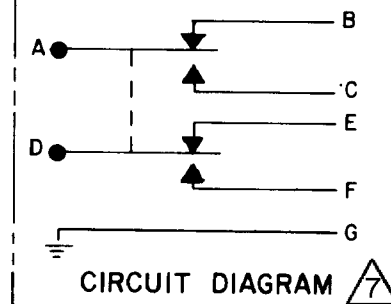
FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL

FED. MFG CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING

1EN342-R



CONNECTOR MATES WITH
MS 3106E-16S-1S

NOTES

- 1 - COLD ROLLED STEEL ENCLOSURE FINISHED WITH GREEN EPOXY BASED ENAMEL COLOR NO. 34151 PER FEDERAL STANDARD
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 3 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 4 - ALL EXTERNAL PARTS ARE MADE OF OR TREATED WITH CORROSION RESISTANT MATERIAL
- 5 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 6 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805
- 7 - RESISTANCE BETWEEN PIN "G" AND THREADED BUSHING MEASURED PER MIL-STD-202, METHOD 303, NOT TO EXCEED 1.0 OHMS

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

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	mm/in	in	mm/in
NO PLACES		X	0.001
ONE PLACE	X.X	0.01/0.015	X X 0.001
TWO PLACES	X.XX	0.001/0.005	X XX 0.001
THREE PLACES	X.XXX	0.0001/0.0005	X XXX 0.0001

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 7.0 OZ MAX

FORMTEK

CHARACTERISTICS

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

ELECTRICAL DATA

CONTACT ARRANGEMENT
SPDT (2)

LOAD	28 VDC
RES	SEA LEVEL
IND	5
MOTOR	3
	4

1EN342-R

PAGE 1 OF 1

RELEASE NO. PR-5967

DRAWING NUMBER

ISSUE

6

4

REVISIONS

A	CO44351	PART 1
4	WJM	APR 79
B	CO47573	
	J A P	5 AUG 80
C	CO68547	
	SAV	15 OCT 90
D	CO73874	
	Y SM	5 DEC 92
E	CO-92255	
	J J A	10 FEB 98

24 APR 79

CEB

4 APR 79

FO-32831-A

DRAWN

WJM