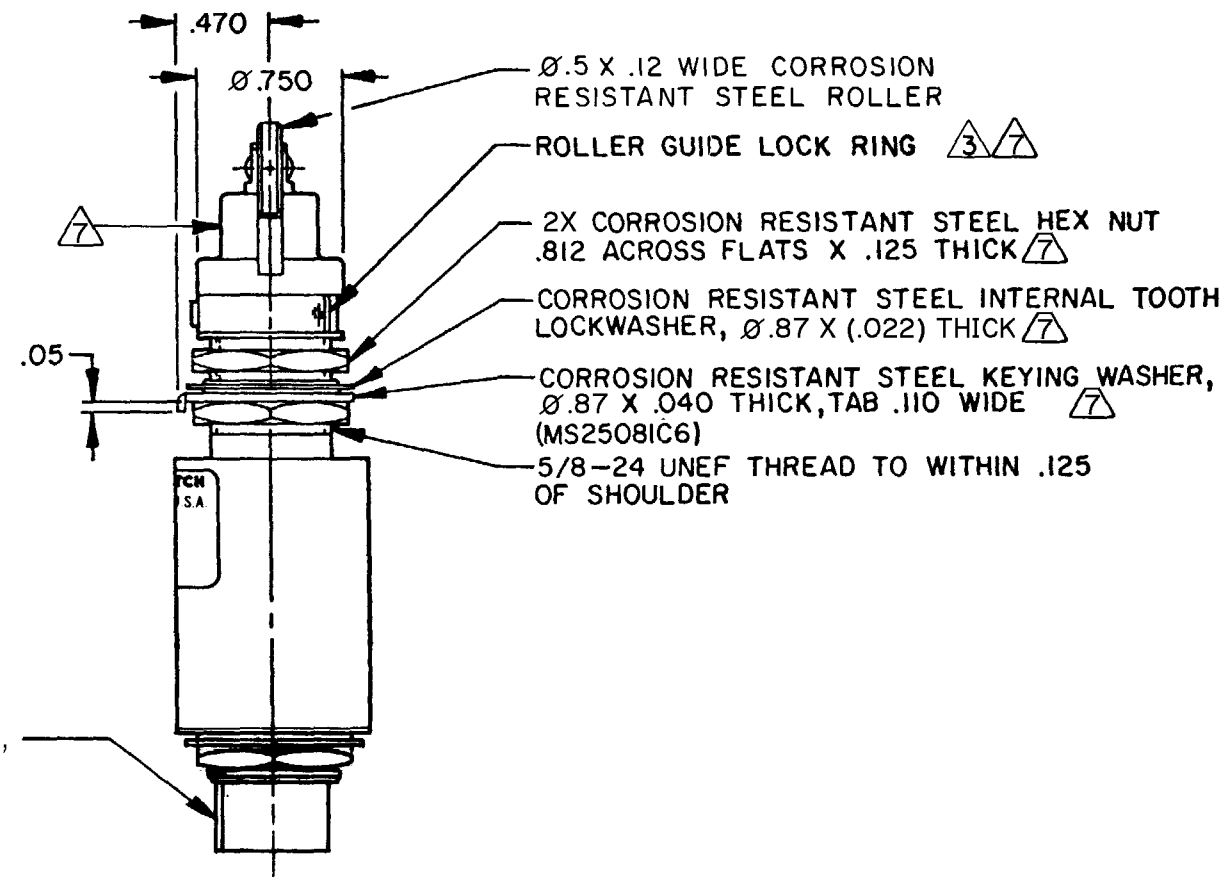
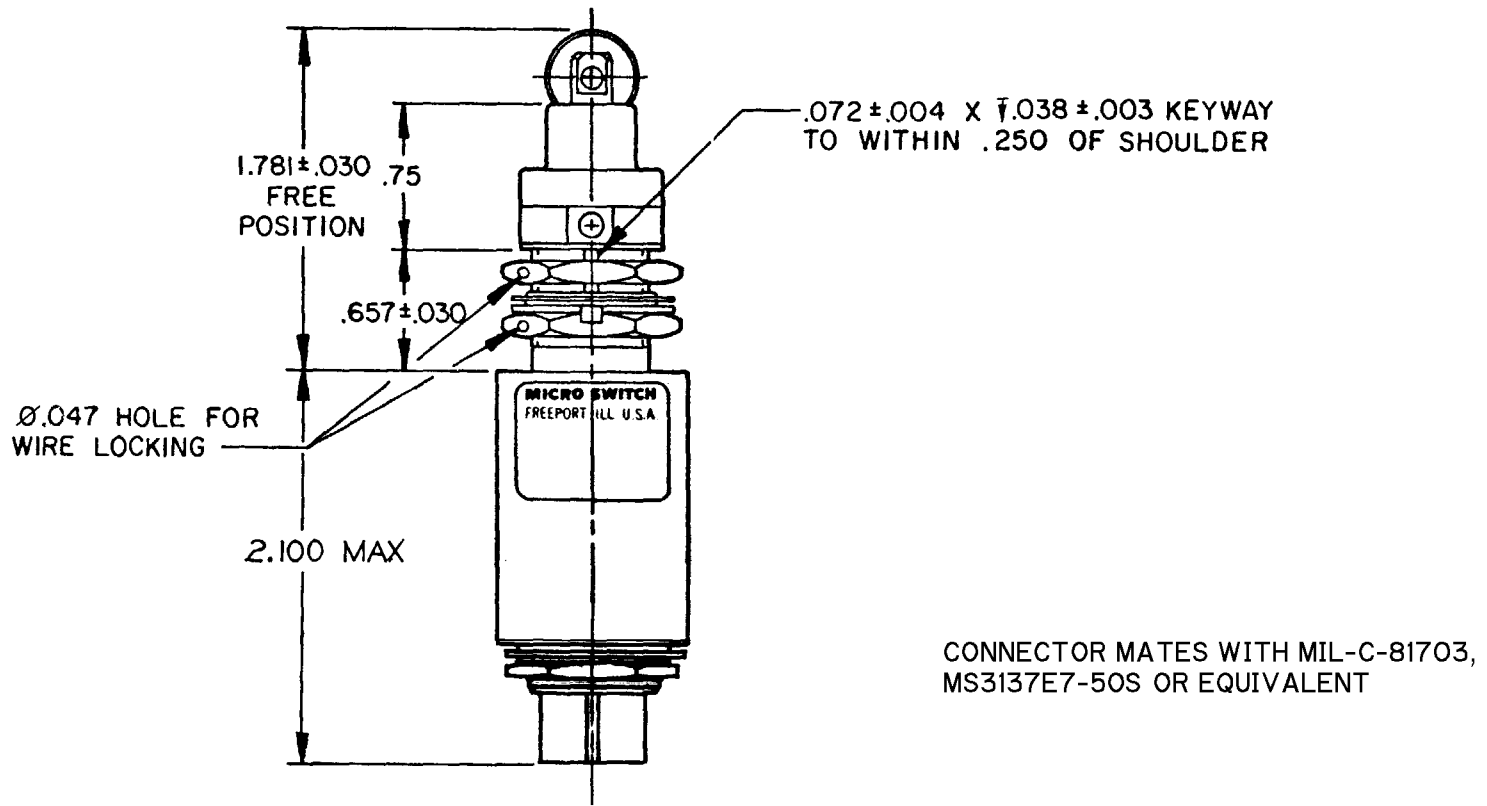
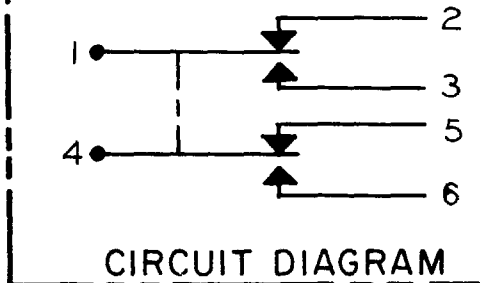
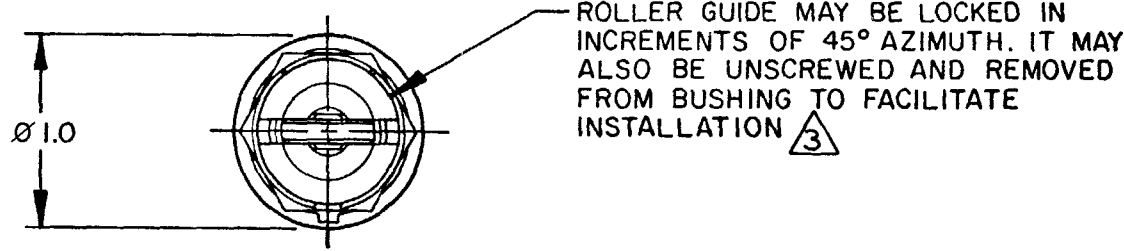


CATALOG LISTING
21EN9-R
PAGE 1 OF 1
REPLACES
RELEASE NO.
M
18
REVISIONS
A 0044351
JEF 7 SEPT 79
B 0047573
PART 4
R JH 7 AUG 80
C 0080689
J A S 25 JUN 98
D 200913
DLT 04 AUG 00
CHECK
13 SEPT 79
CHECK
C E B 13 SEPT 79
CHECK
7 SEPT 79
FORMTEK
DRAWN
JEF 7 SEPT 79

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

SWITCH - ENCLOSED

CATALOG LISTING
21EN9-R



CONNECTOR MATES WITH MIL-C-81703,
MS3137E7-50S OR EQUIVALENT

- NOTES
- 1 - SWITCH SEALED PER MIL-PRF-8805, SYMBOL 4
 - 2 - CORROSION RESISTANT STEEL ENCLOSURE
 - 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 - KEYWAY IN MOUNTING BUSHING AND RECEPTACLE POLARIZING KEY ARE NOT NECESSARILY ALIGNED
 - 7 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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	1/34	X X
ONE PLACE	X,X	0.0016	X X
TWO PLACES	X,X,X	0.0001/006	X X X
THREE PLACES			X X X X
ANGLES			
SI METRIC ☐		US CUSTOMARY ☒	
DESIGN UNITS			
RAW MATERIAL-COMMERCIAL STANDARD			
MICRO SWITCH STANDARDS APPLY			
DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED			
WEIGHT 5.25 OZ MAX			

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		
2X SPDT		
28 VDC		
LOAD	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	

ANSI Y14.5M-1982 APPLIES