

221EN5-R

M

DRAWING NUMBER

4

ISSUE

REVISIONS

A	C044351
C E B	4 FEB 80

CHECK

6 FEB 80

C E B

CHECK

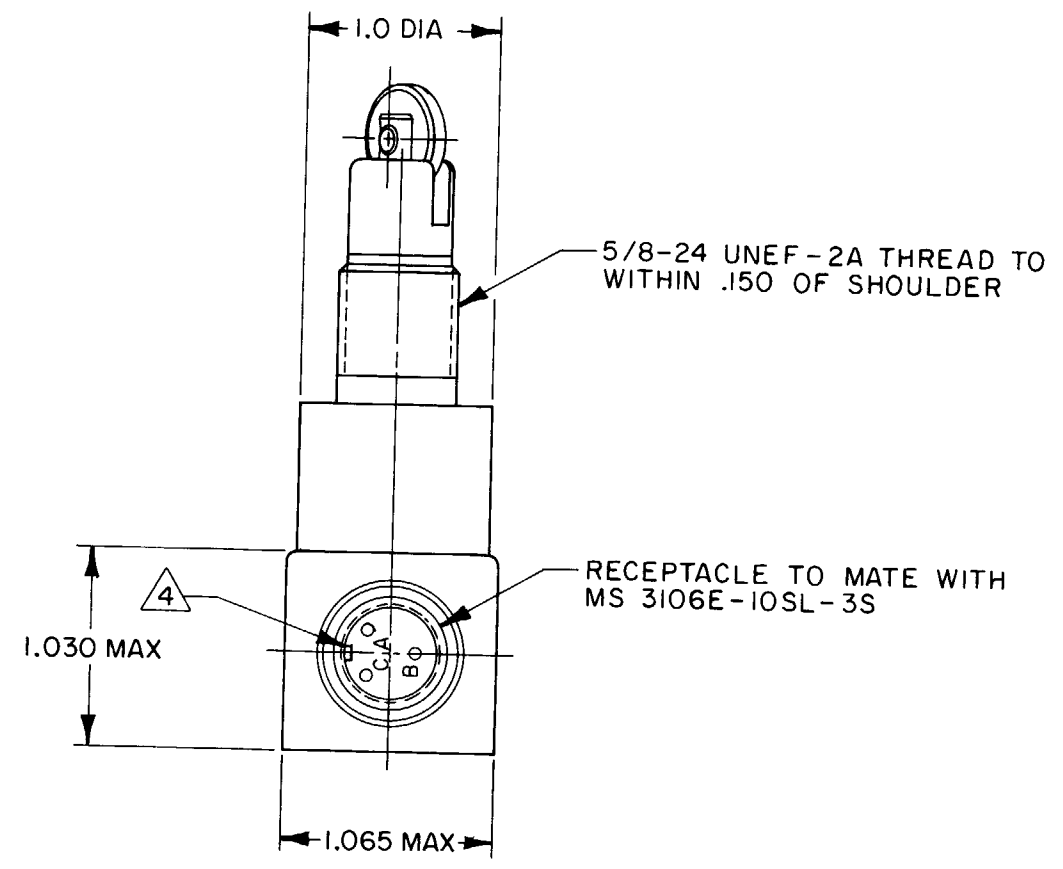
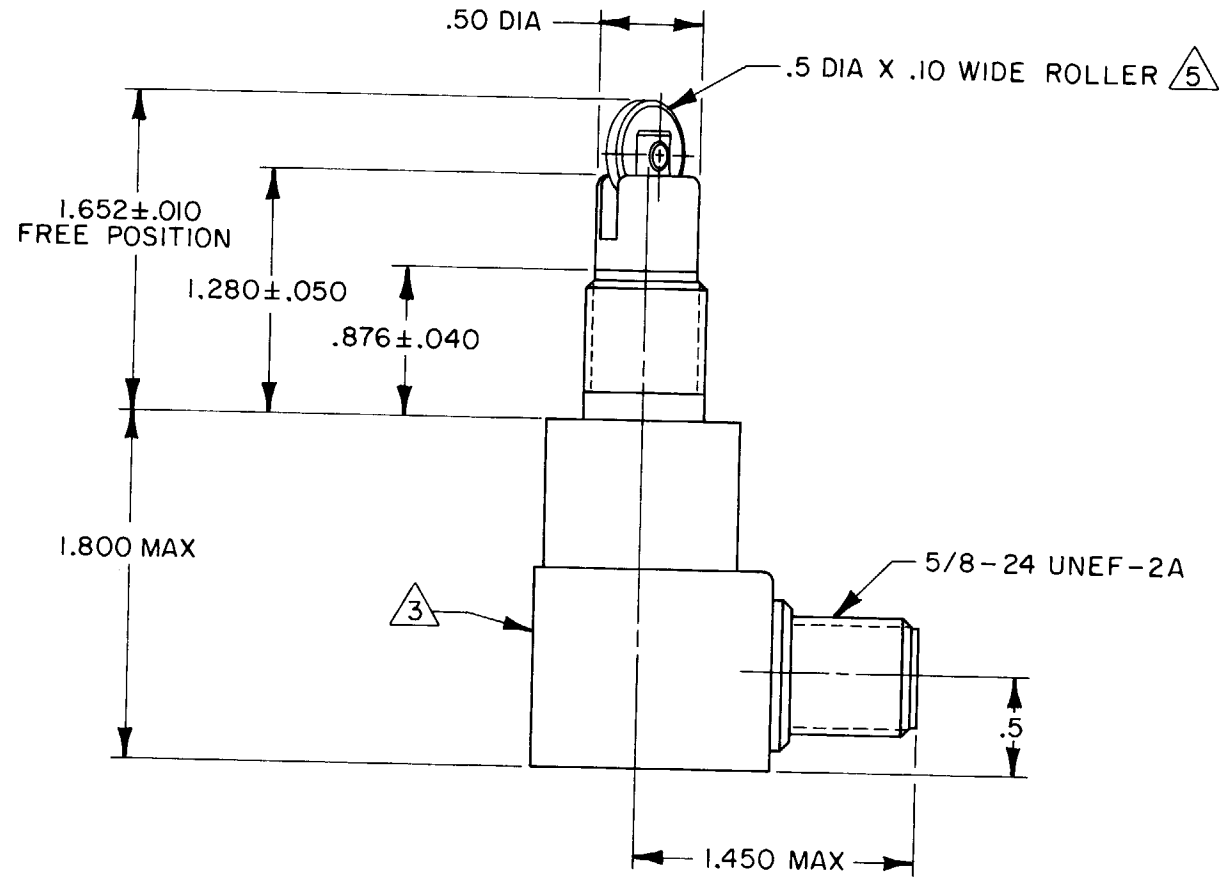
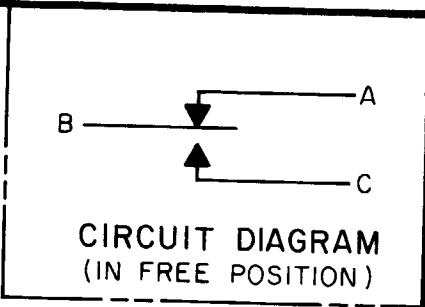
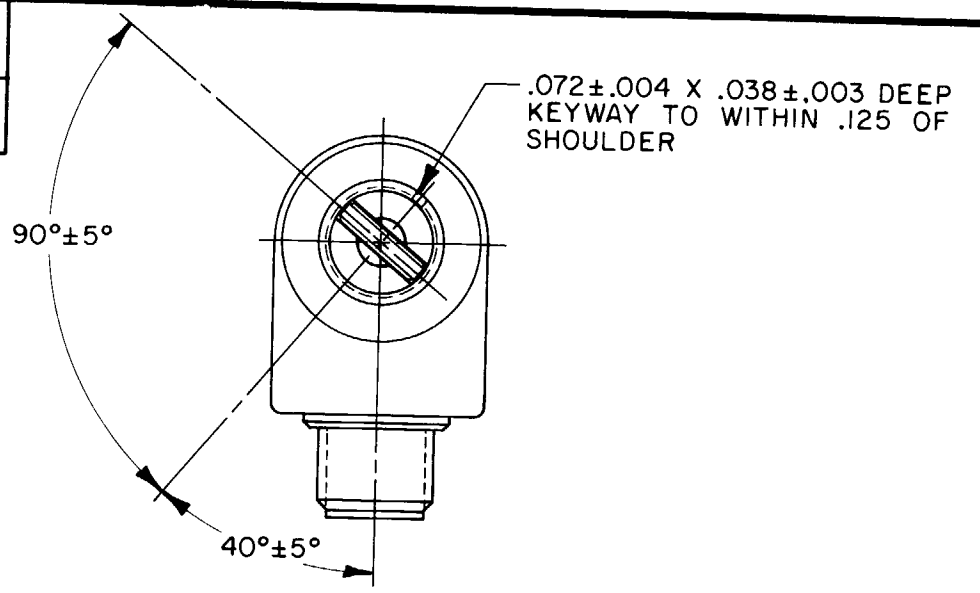
4 FEB 80

C E B

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

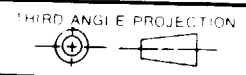
**SWITCH-ENCLOSED**

CATALOG LISTING  
**221EN5-R**



- NOTES**
- 1 - ALL EXPOSED PARTS ARE CORROSION RESISTANT
  - 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
  - $\triangle 3$  CATALOG LISTING, CIRCUIT DIAGRAM AND MICRO IDENTIFICATION PERMANENTLY MARKED ON SIDE OF SWITCH
  - $\triangle 4$  RECEPTACLE POLARIZING KEY POSITION
  - $\triangle 5$  ROLLER WILL ROTATE FREELY
  - 6 PLUNGER SEAL MATERIAL - E.P. RUBBER
  - 7 - NOTED ELECTRICAL RATING APPLY AS SPECIFIED IN MIL-S-8805/40-1 UP TO 185°F

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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. mm	TOL. mm/in
DIM. in	TOL. mm/in
NO PLACES X	1/64
ONE PLACE X.X	0.4/016
TWO PLACES X.XX	0.15/006
THREE PLACES X.XXX	0.13/005
ANGLES	
DESIGN UNITS	SI METRIC <input type="checkbox"/> US CUSTOMARY <input checked="" type="checkbox"/>
RAW MATERIAL - COMMERCIAL STANDARD MICRO SWITCH STANDARDS APPLY	
DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED	
WEIGHT 7 OZ MAX	

CHARACTERISTICS	
OPERATING FORCE	6-10 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		
SEE CIRCUIT DIAGRAM		
LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	
LAMP		