

FO-32851-A

DRAWN

GJW

25 OCT 79

CHECK

CEB

26 OCT 79

CHECK

REVISIONS

ISSUE

8

X

8

DRAWING NUMBER

1HE14-RB

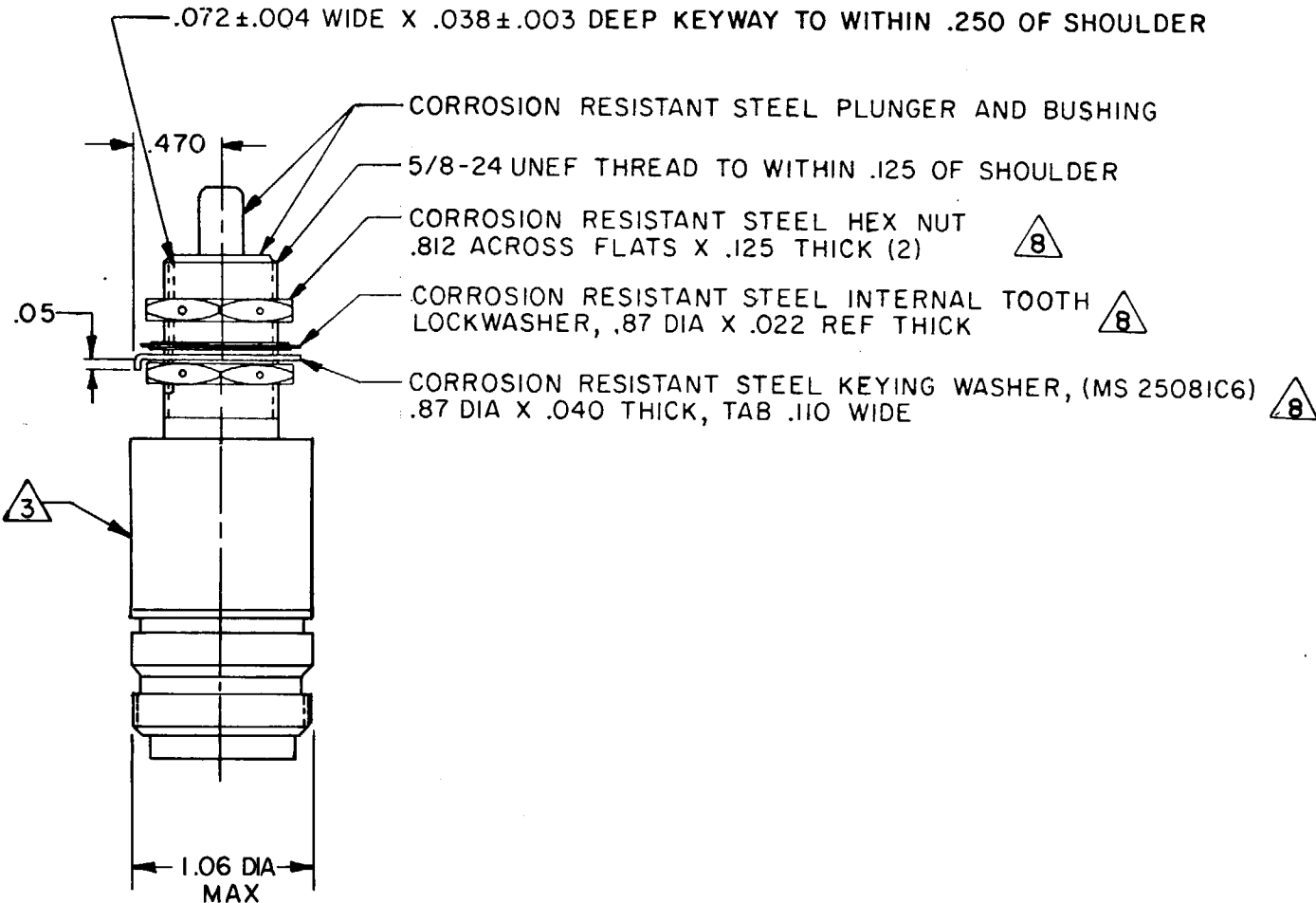
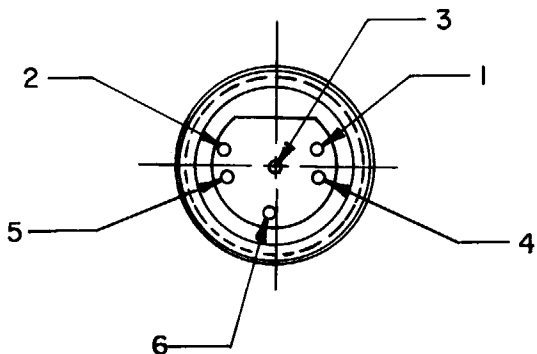
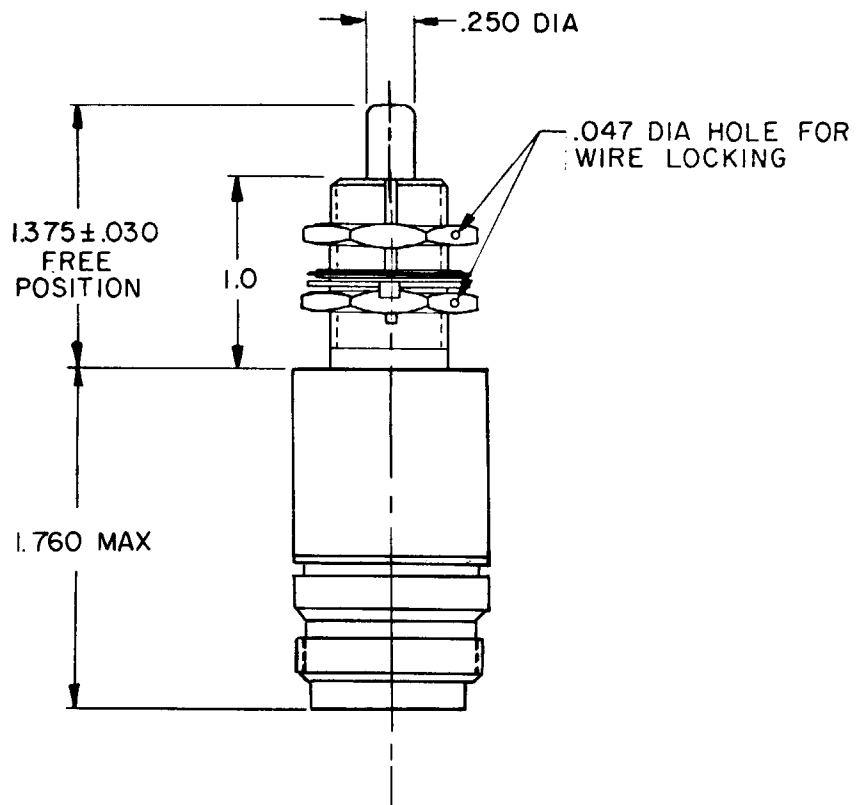
REPLACES

X42558-HE

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

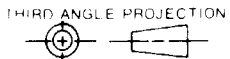
SWITCH — ENCLOSED

CATALOG LISTING  
1HE14-RB




- NOTES
- 1 - ALL EXPOSED PARTS ARE CORROSION RESISTANT STEEL
  - 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 5
  - 3 - CIRCUIT IDENTIFICATION, DATE CODE AND CATALOG LISTING 1HE14-RB PERMANENTLY MARKED ON SIDE OF HOUSING
  - 4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 INCH OF PLUNGER TRAVEL
  - 5 - FOR OPERATION IN TEMPERATURES OF MINUS 65°F TO PLUS 257°F
  - 6 - CONTACTS HERMETICALLY SEALED AS DEFINED BY ENCLOSURE DESIGN SYMBOL 5 PER MIL-S-8805B
  - 7 - CONNECTOR SECTION TO MATE WITH CONNECTOR BUORD 2017223 OR BURTON CONNECTOR 5006-0062
  - 8 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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SCALE FULL

DO NOT SCALE PRINT

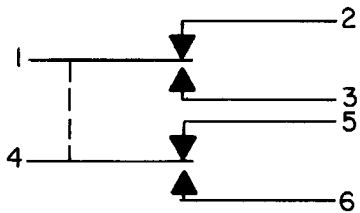
TOLERANCES					
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±					
DIM.	TOL.	DIM.	TOL.		
in.	mm/in.	in.	mm/in.		
NO PLACES	X	1/04			
ONE PLACE	X,X	0.4/0.16	X X 0.8/0.3		
TWO PLACES	X,X,X	0.15/0.06	X X X 0.38/0.15		
THREE PLACES			X X X X 0.13/0.05		
ANGLES					
DESIGN UNITS		US CUSTOMARY			
SIM METRIC					
RAW MATERIAL—COMMERCIAL STANDARD					
MICRO SWITCH STANDARDS APPLY					
DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED					
WEIGHT 5.0 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		
S P D T (2)		
	28 VDC SEA LEVEL	28 VDC 100,000 FT.
RES	5	5
IND	3	3
MOTOR	4	4



CIRCUIT DIAGRAM

# Mouser Electronics

Authorized Distributor

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[1HE14-RB](#)