

FO-32851-A

DRAWN

GJW

25 OCT 79

CHECK

CEB

26 OCT 79

CHECK

REVISIONS

ISSUE

8

✕

✕

DRAWING NUMBER

M

1HE14-RB

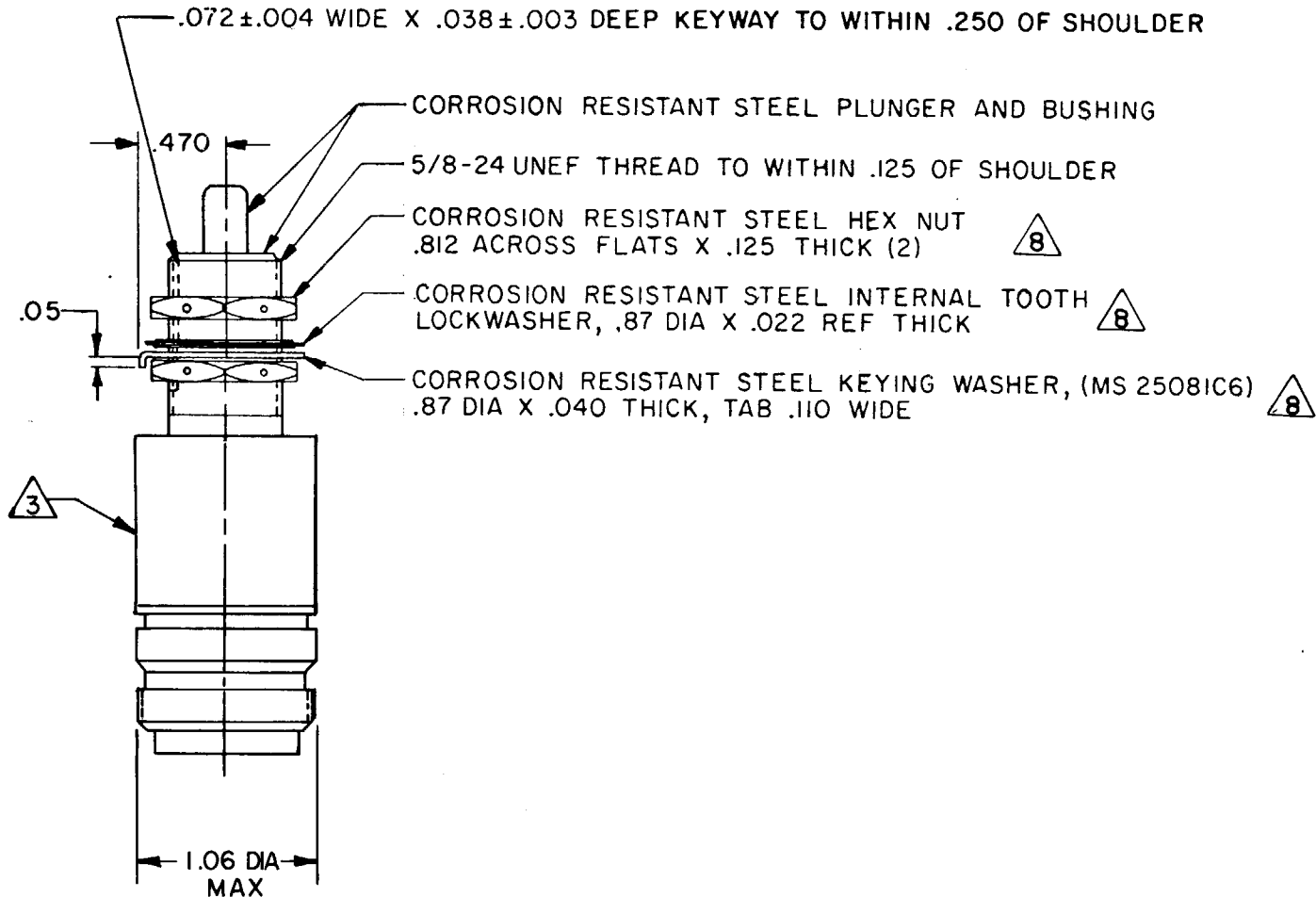
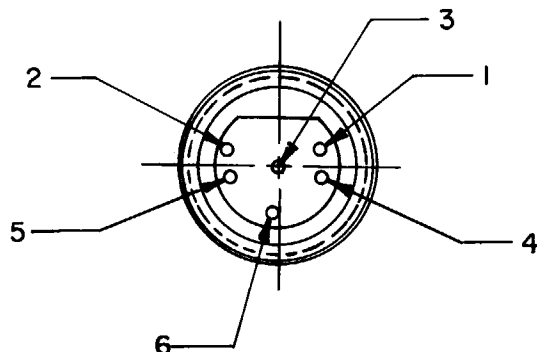
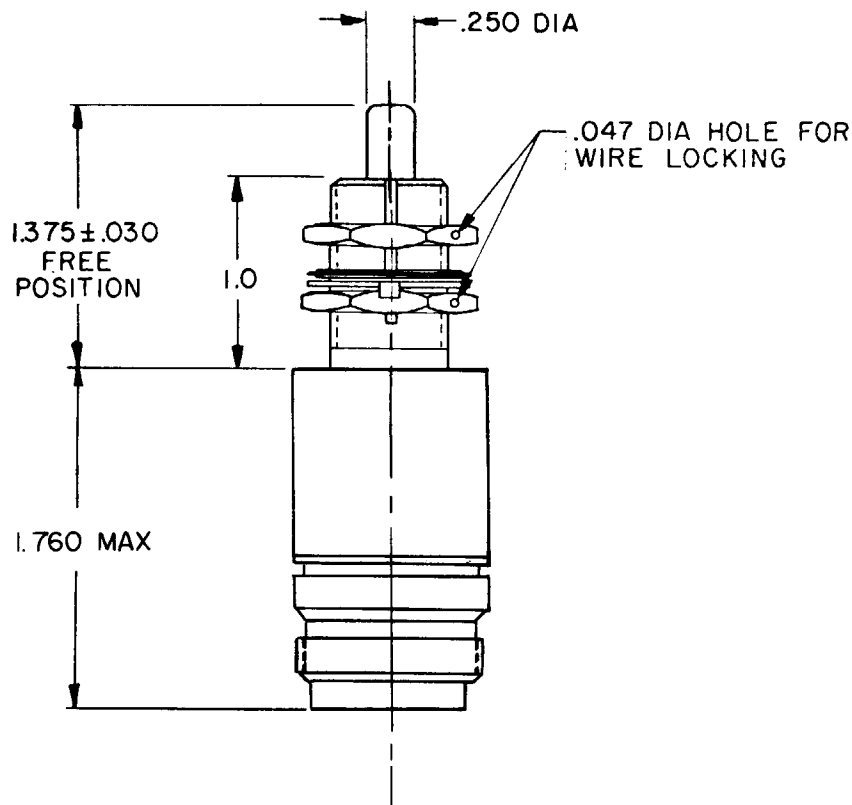
REPLACES X42558-HE

RELEASE NO. PR-8223

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

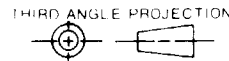
SWITCH — ENCLOSED

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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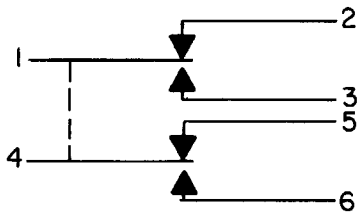
SCALE FULL

DO NOT SCALE PRINT

TOLERANCES					
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±					
DIM.	TOL.	DIM.	TOL.		
mm	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	0.15/0.006	X,X,X 0.38/0.015		
THREE PLACES			X,X,X,X 0.13/0.005		
ANGLES					
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 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