

FO-32851-A

DRAWN

GJW

25 OCT 79

CHECK

CEB

26 OCT 79

CHECK

REVISIONS

ISSUE

8

X

8

DRAWING NUMBER

1HE14-RB

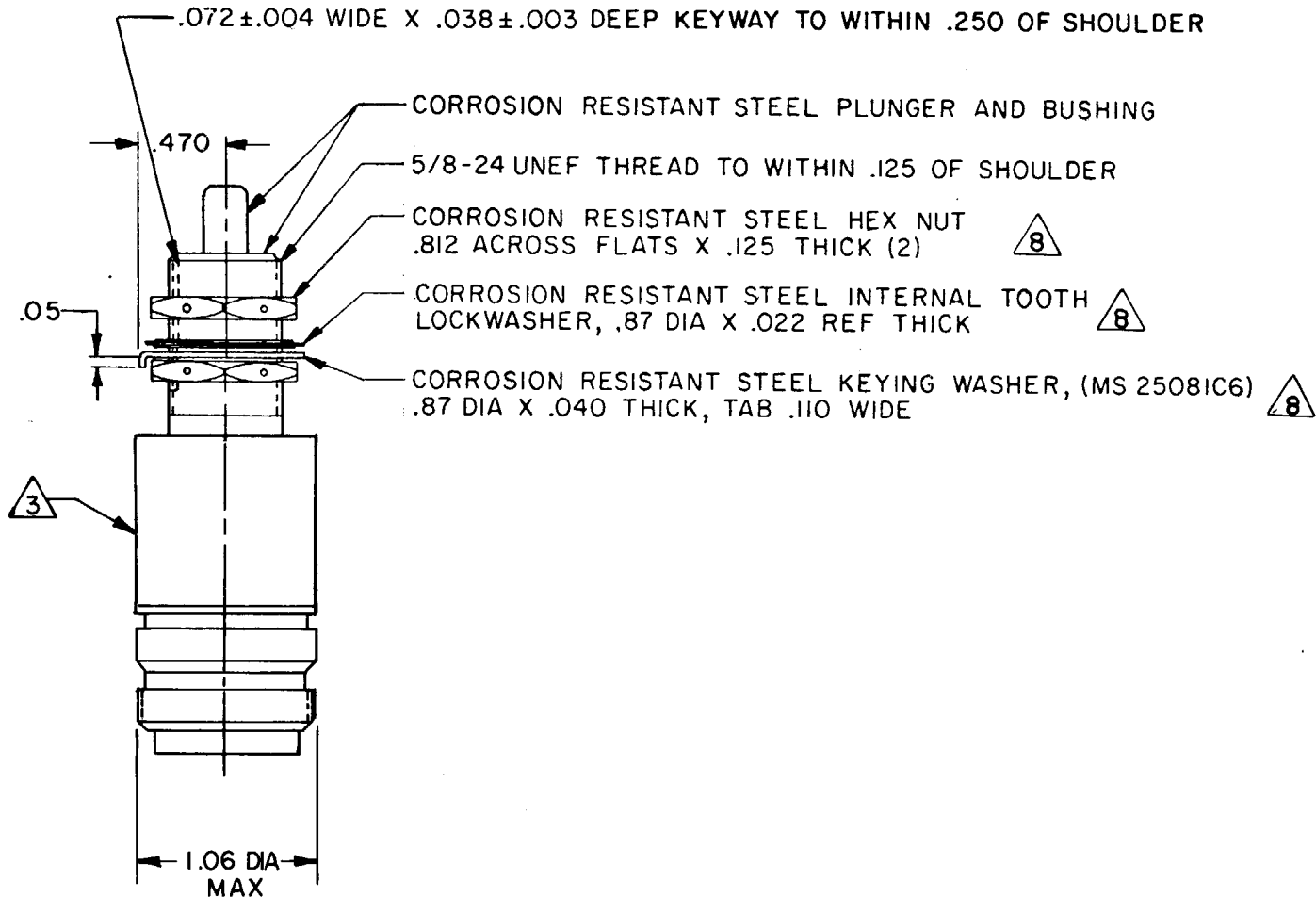
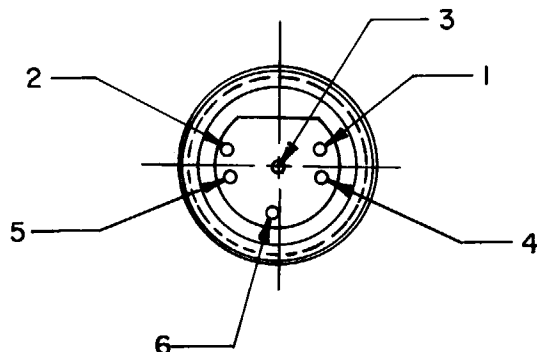
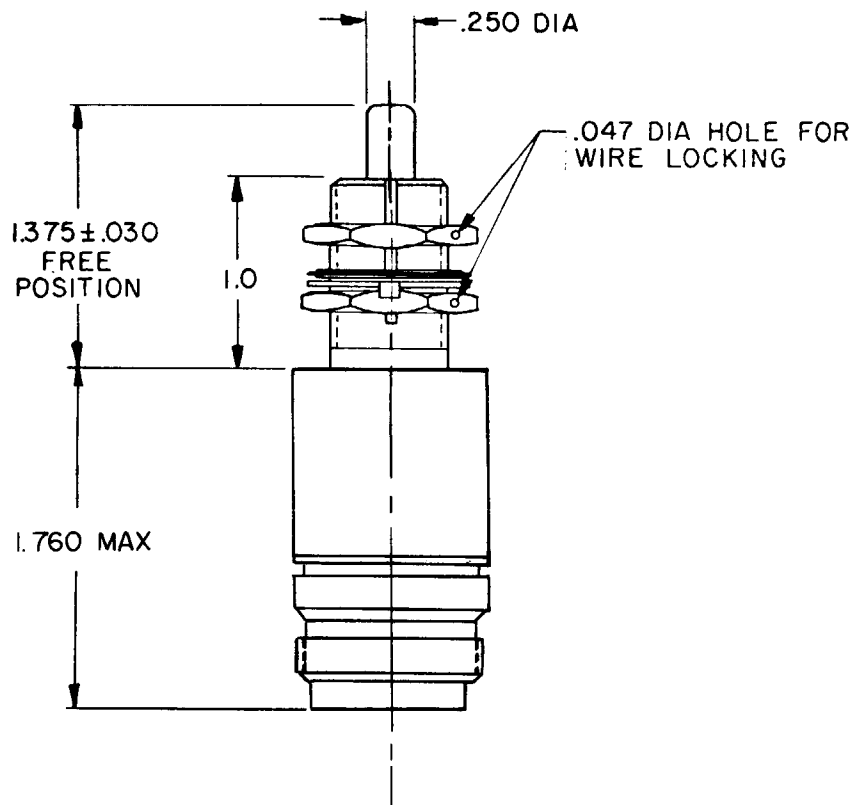
REPLACES

X42558-HE

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

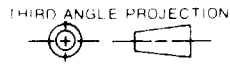
SWITCH — ENCLOSED

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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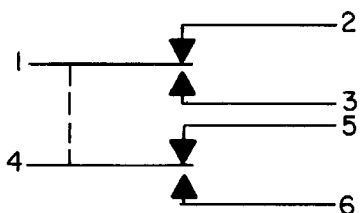
SCALE FULL

DO NOT SCALE PRINT

TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±			
DIM.	TOL.	DIM.	TOL.
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			
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

Mouser Electronics

Authorized Distributor

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[1HE14-RB](#)