

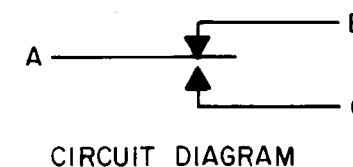
MICRO SWITCH

FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL

FED. MFG. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
21EN322-RB



21EN322-RB

M

DRAWING
NUMBER

10

ISSUE

RELEASE NO. PR-7984-T REPLACES

CHECK

REVISIONS

A	REINST PR-7984-T	16 JUN 08
J	A P	30 JUL 79
B	CO-41973 PART 4	18 AUG 80
C	CO-53655	14 SEPT 83
D	CO-77228	22 DEC 93
E	0006683	30 AUG 04
F	0040772	16 JUN 08

CMH

CHECK

CMH

CMH

CMH

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CMH

1.718±.030
FREE
POSITION

1.407^{+.050}_{-.030}

1.00

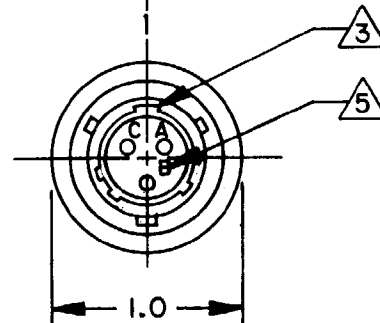
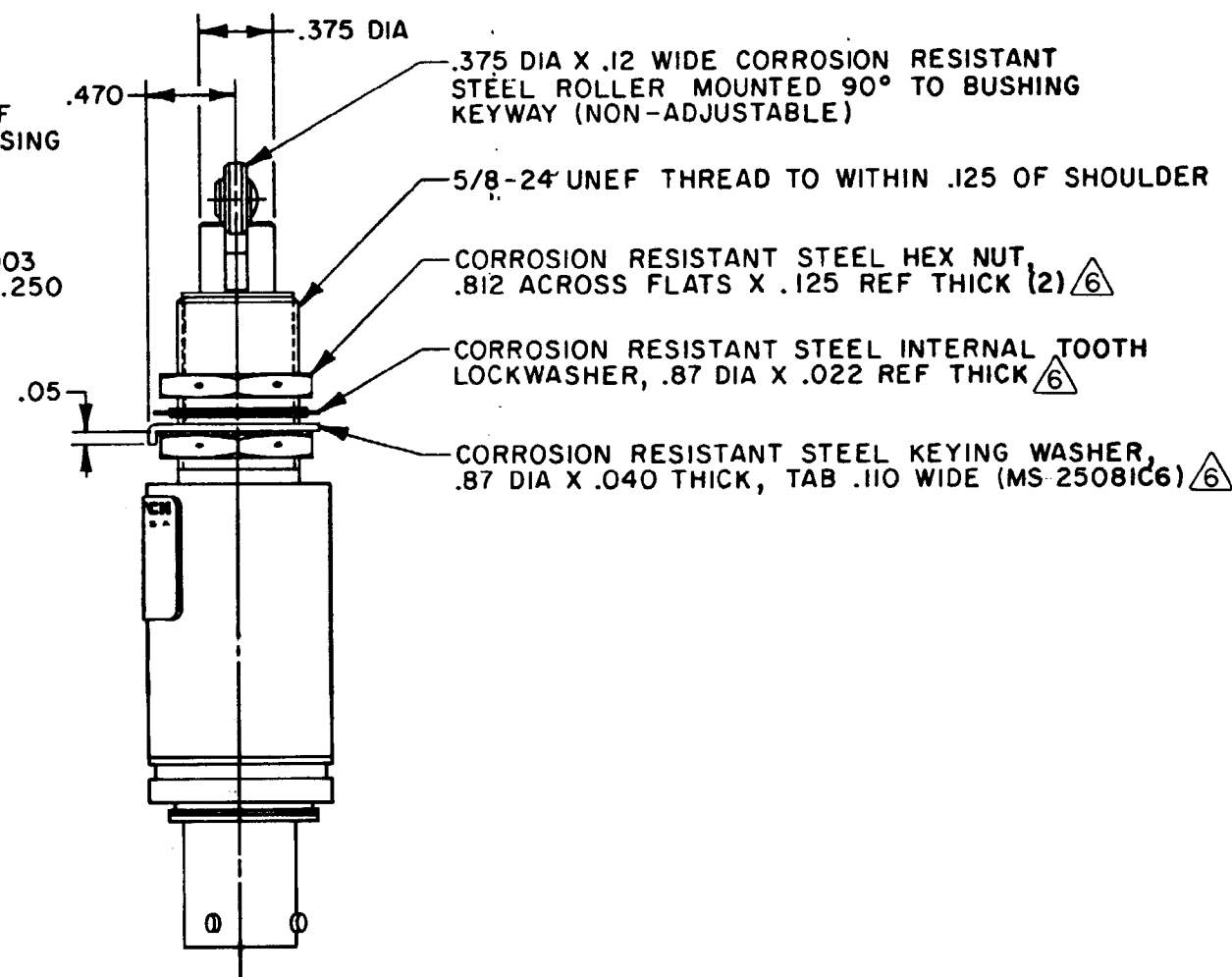
.047 DIA HOLE
FOR WIRE LOCKING(3)

2.530 MAX

ROLLER GUIDE IS PART OF
SWITCH BUSHING AND HOUSING

.072±.004 WIDE X .038±.003
DEEP KEYWAY TO WITHIN .250
OF SHOULDER

RECEPTACLE
MS 27471Y9E98P



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. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	17.04	X	0.67/0.03
ONE PLACE	X.X	0.05/0.015	X.X	0.38/0.015
TWO PLACES	X.XX	0.15/0.008	X.XX	0.15/0.008
THREE PLACES	X.XXX		X.XXX	

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 7 OZ MAX

CHARACTERISTICS

OPERATING FORCE	6-12 LB
FULL OVERTRAVEL FORCE	30 LB MAX
RELEASE FORCE	4 LB MIN
PRETRAVEL	.040 MAX
DIFFERENTIAL TRAVEL	.010 MAX
OVERTRAVEL	.250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT S P D T		
28 VDC		
LOAD	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	

NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE AND RECEPTACLE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 - RECEPTACLE POLARIZING KEY POSITION
- 4 - CIRCUIT IDENTIFICATION AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 5 - PIN LETTERS SHOWN FOR REFERENCE ONLY. THEY DO NOT NECESSARILY APPEAR ON RECEPTACLE
- 6 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805