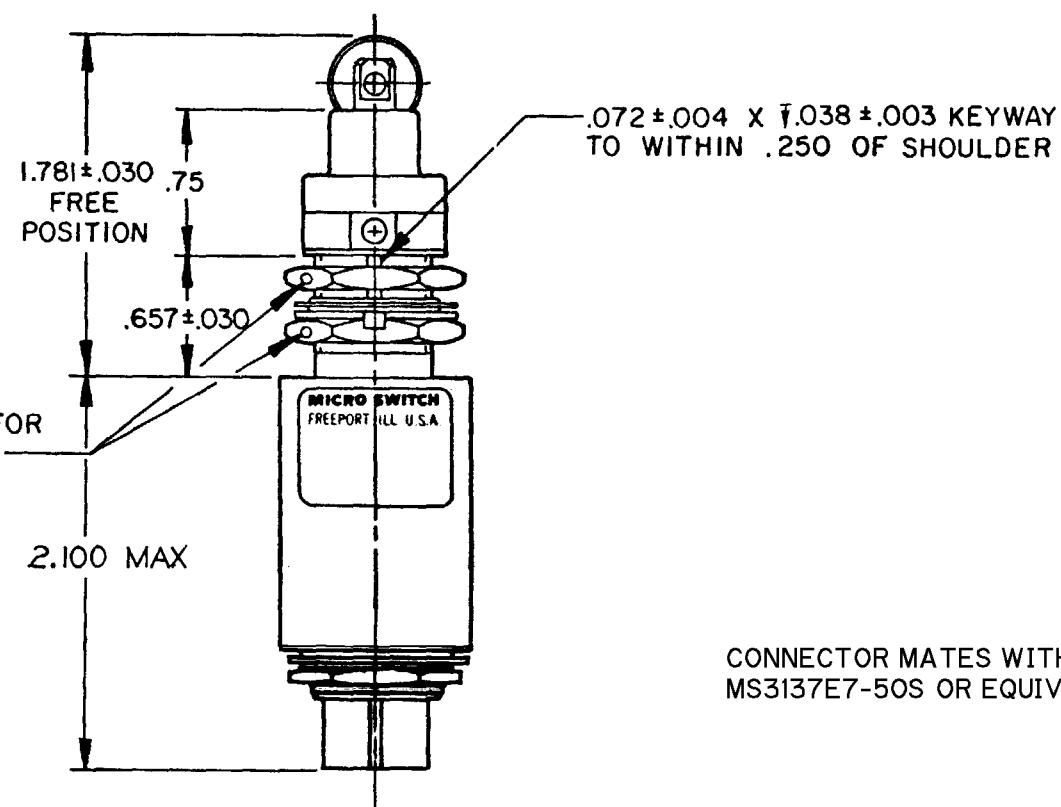
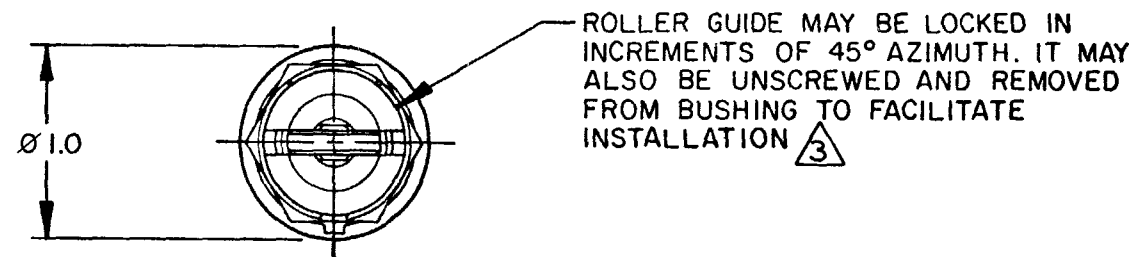


CATALOG LISTING
21EN9-R
PAGE 1 OF 1
RELEASE NO.
M
18
REVISIONS
A 10044351
JEF 7 SEPT 79
B 10047573
PART 4
R JH 7 AUG 80
C 10080689
J A S 25 JUN 98
D 200913
DLT 04 AUG 00
CHECK
13 SEPT 79
CHECK
C E B 13 SEPT 79
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7 SEPT 79
DRAWN
JEF 7 SEPT 79
FORMTEK

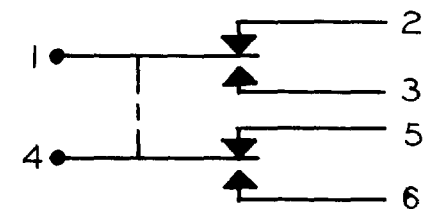
MICRO SWITCH
FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH - ENCLOSED

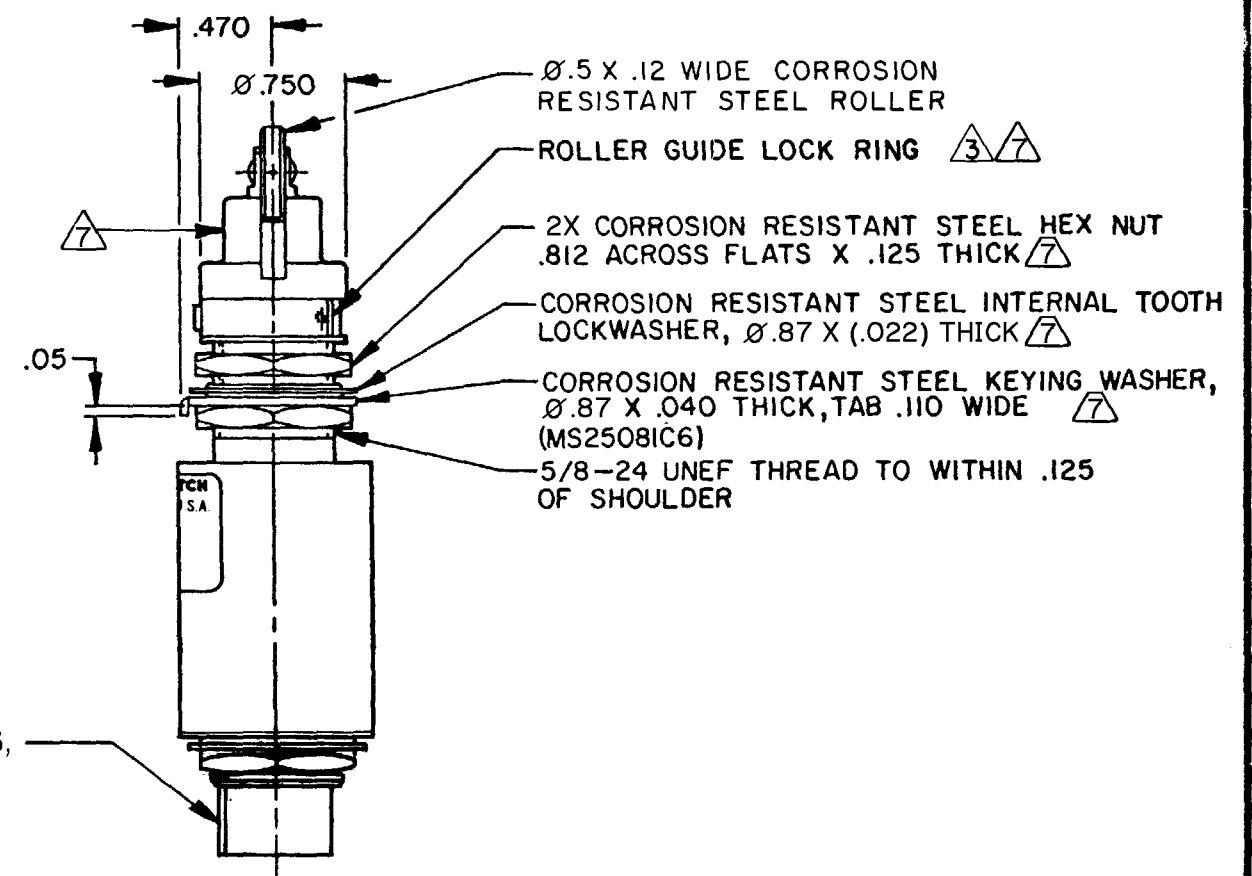
CATALOG LISTING
21EN9-R



CONNECTOR MATES WITH MIL-C-81703, MS3137E7-50S OR EQUIVALENT



CIRCUIT DIAGRAM



NOTES

- 1 - SWITCH SEALED PER MIL-PRF-8805, SYMBOL 4
- 2 - CORROSION RESISTANT STEEL ENCLOSURE
- 3 - TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING
- 4 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 5 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 6 - KEYWAY IN MOUNTING BUSHING AND RECEPTACLE POLARIZING KEY ARE NOT NECESSARILY ALIGNED
- 7 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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	
CHARACTERISTICS		ELECTRICAL DATA		DO NOT SCALE PRINT	
OPERATING FORCE-----6-12 LB		CONTACT ARRANGEMENT		TOLERANCES	
FULL OVERTRAVEL FORCE-----30 LB MAX		2X SPDT		APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±	
RELEASE FORCE-----4 LB MIN		28 VDC		DIM.	TOL.
PRETRAVEL-----.040 MAX		SEA LEVEL		mm	mm/in
DIFFERENTIAL TRAVEL-----.020 MAX		50,000 FT.		in	in
OVERTRAVEL-----.250 MIN		LOAD		NO PLACES	1/04
		RES		ONE PLACE	0.47/016
		IND		TWO PLACES	0.151/006
		MOTOR		THREE PLACES	0.387/015
				ANGLES	0.131/005
				SI METRIC	US CUSTOMARY
				DESIGN UNITS	
				RAW MATERIAL-COMMERCIAL STANDARD	
				MICRO SWITCH STANDARDS APPLY	
				DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED	
				WEIGHT	5.25 OZ MAX

ANSI Y14.5M-1982 APPLIES