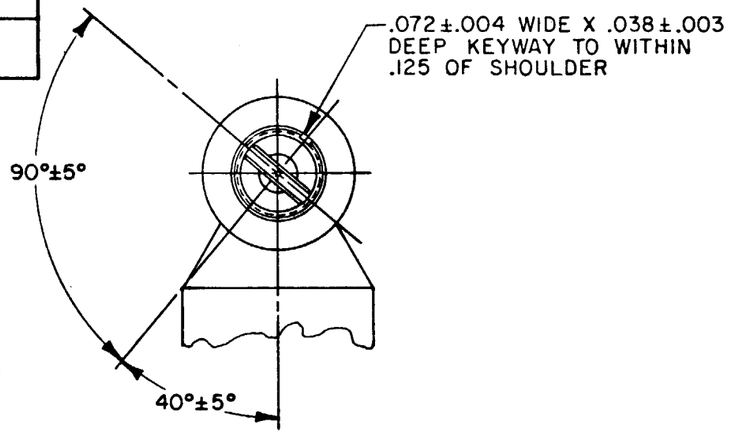
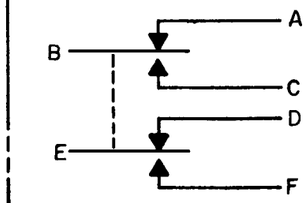
MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

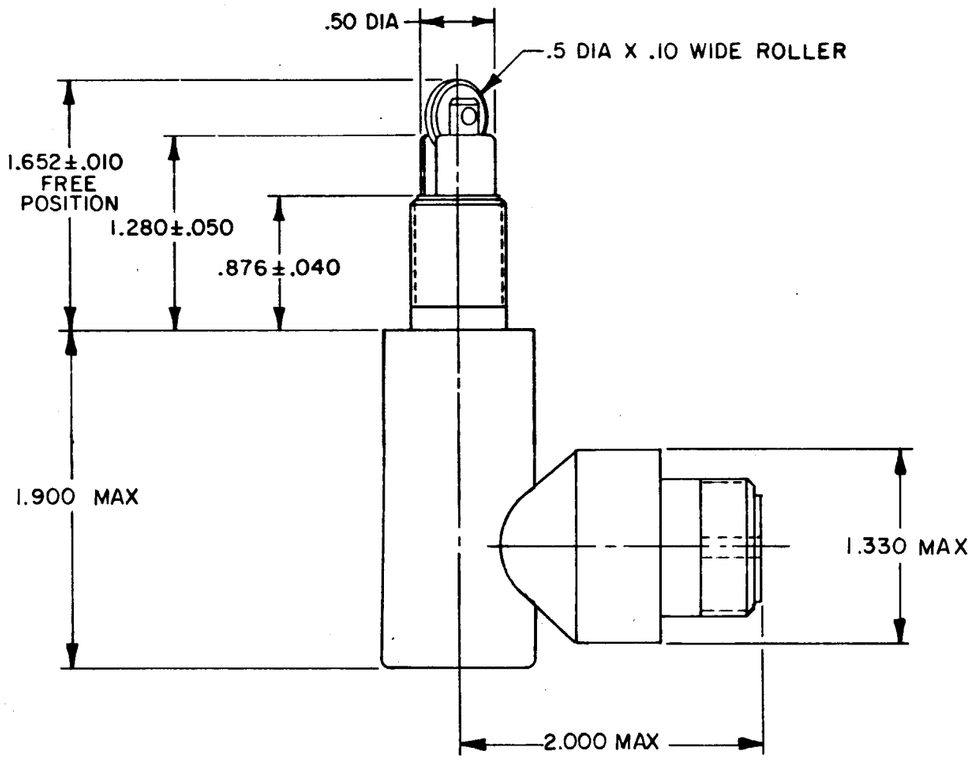
SWITCH-ENCLOSED

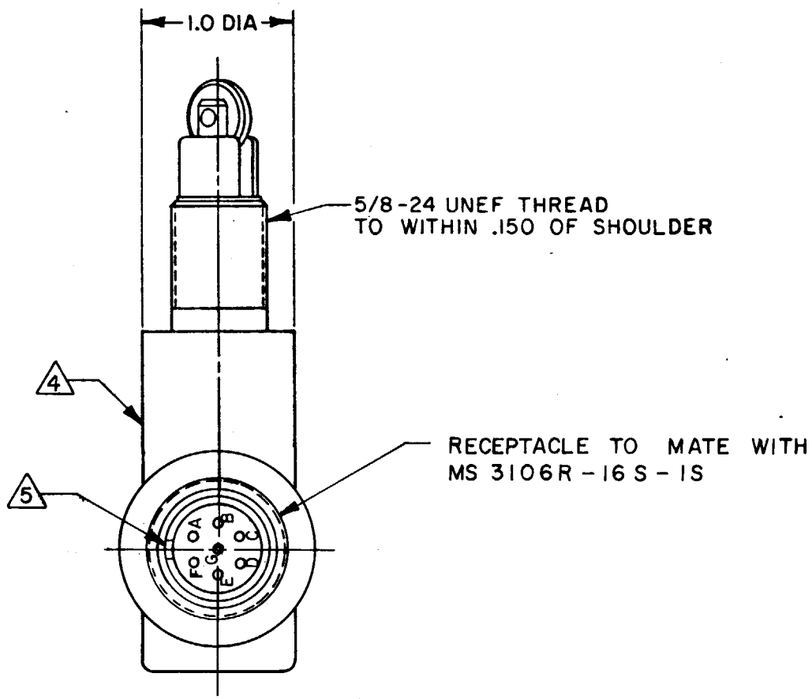
CATALOG LISTING
221CH4-R





PIN "G" NOT USED
CIRCUIT DIAGRAM
(IN FREE POSITION)





NOTES
1 SWITCH SEALED PER MIL-S-8805 SYMBOL 3
2 ALL EXPOSED PARTS ARE CORROSION RESISTANT
3 COINCIDENCE OF OPERATING AND RELEASEING POINTS: .010 OF PLUNGER TRAVEL
4 CATALOG LISTING, CIRCUIT DIAGRAM AND MICRO IDENTIFICATION PERMANENTLY MARKED ON SIDE OF SWITCH IN ACCORDANCE WITH DACO SPEC 7958527
5 RECEPTACLE POLARIZING KEY POSITION
6 ROLLER WILL ROTATE FREELY
7 PLUNGER SEAL MATERIAL - VITION A

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THIRD ANGLE PROJECTION

CHARACTERISTICS	
OPERATING FORCE	6 -10 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
SEE CIRCUIT DIAGRAM

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	

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	1/.04		
ONE PLACE	X.X	0.4/.016	X.X	0.5/.00
TWO PLACES	X.XX	0.15/.006	X.XX	0.38/.015
THREE PLACES			X.XXX	0.13/.006
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 7 OZ. MAX

M 221CH4-R
ISSUE 4
DRAWING NUMBER
RELEASE NO. PR-8632
REPLACES
CHECK
DRAWN GJW 9 APR 80
FO-52851-A

REVISIONS
A PR-8632 GJW 9APR80

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