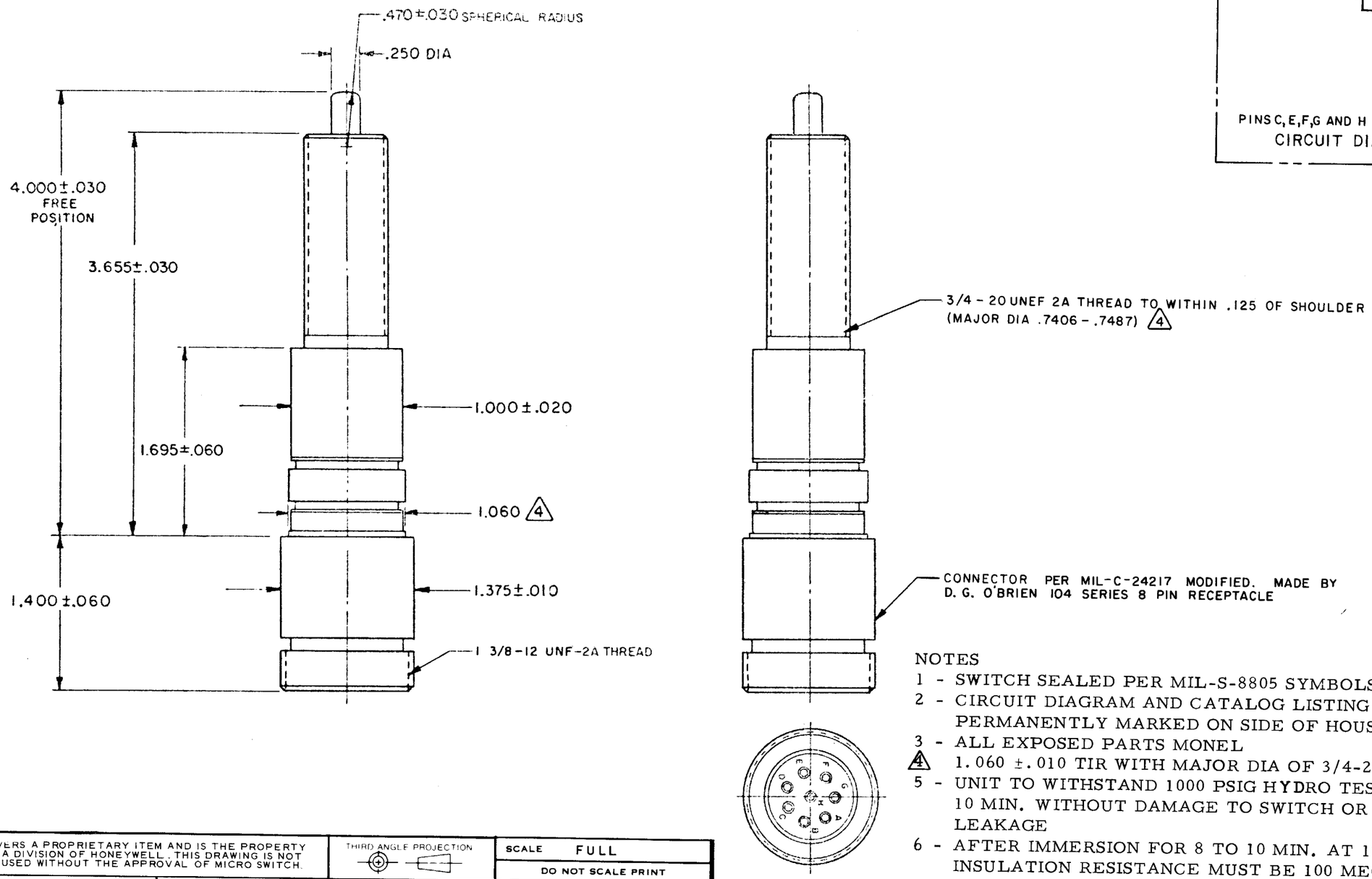
MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
1HE101 - RB



NOTES
1 - SWITCH SEALED PER MIL-S-8805 SYMBOLS
2 - CIRCUIT DIAGRAM AND CATALOG LISTING 1HE101-RB PERMANENTLY MARKED ON SIDE OF HOUSING
3 - ALL EXPOSED PARTS MONEL
4 - 1.060 ±.010 TIR WITH MAJOR DIA OF 3/4-20 THREAD
5 - UNIT TO WITHSTAND 1000 PSIG HYDRO TEST 8 TO 10 MIN. WITHOUT DAMAGE TO SWITCH OR SIGNS OF LEAKAGE
6 - AFTER IMMERSION FOR 8 TO 10 MIN. AT 1000 PSIG, INSULATION RESISTANCE MUST BE 100 MEGOHMS AT 500 VDC
7 - SERIAL NUMBER STAMPED ON SIDE OF SWITCH

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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	1/.04		
ONE PLACE	X.X	0.4/.016	X X	0.8/.03
TWO PLACES	X.XX	0.15/.006	X XX	0.38/.015
THREE PLACES			X XXX	0.13/.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

CHARACTERISTICS

OPERATING FORCE — — — — — 60 - 80 LB

PRETRAVEL — — — — — — — .040 MAX
DIFFERENTIAL TRAVEL — — — — .020 MAX
OVERTRAVEL — — — — — — — .250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
SPDT

	28 VDC SEA LEVEL	28 VDC 100,000 FT.
RES	5	
IND	3	
MOTOR	4	

REVISIONS

A	NEW DWG PR 7404	T R F 1 OCT 78
B	CO 50132	WJM 22 SEP 81

DRAWN	T R F	1 OCT 78
CHECK	C E B	12 OCT 78
CHECK		
CHECK		
ISSUE	* 5	
DRAWING NUMBER	M 1HE101-RB	
RELEASE NO.	PR-7404	
REPLACES	X 42205-HE	

FO-52851-A

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