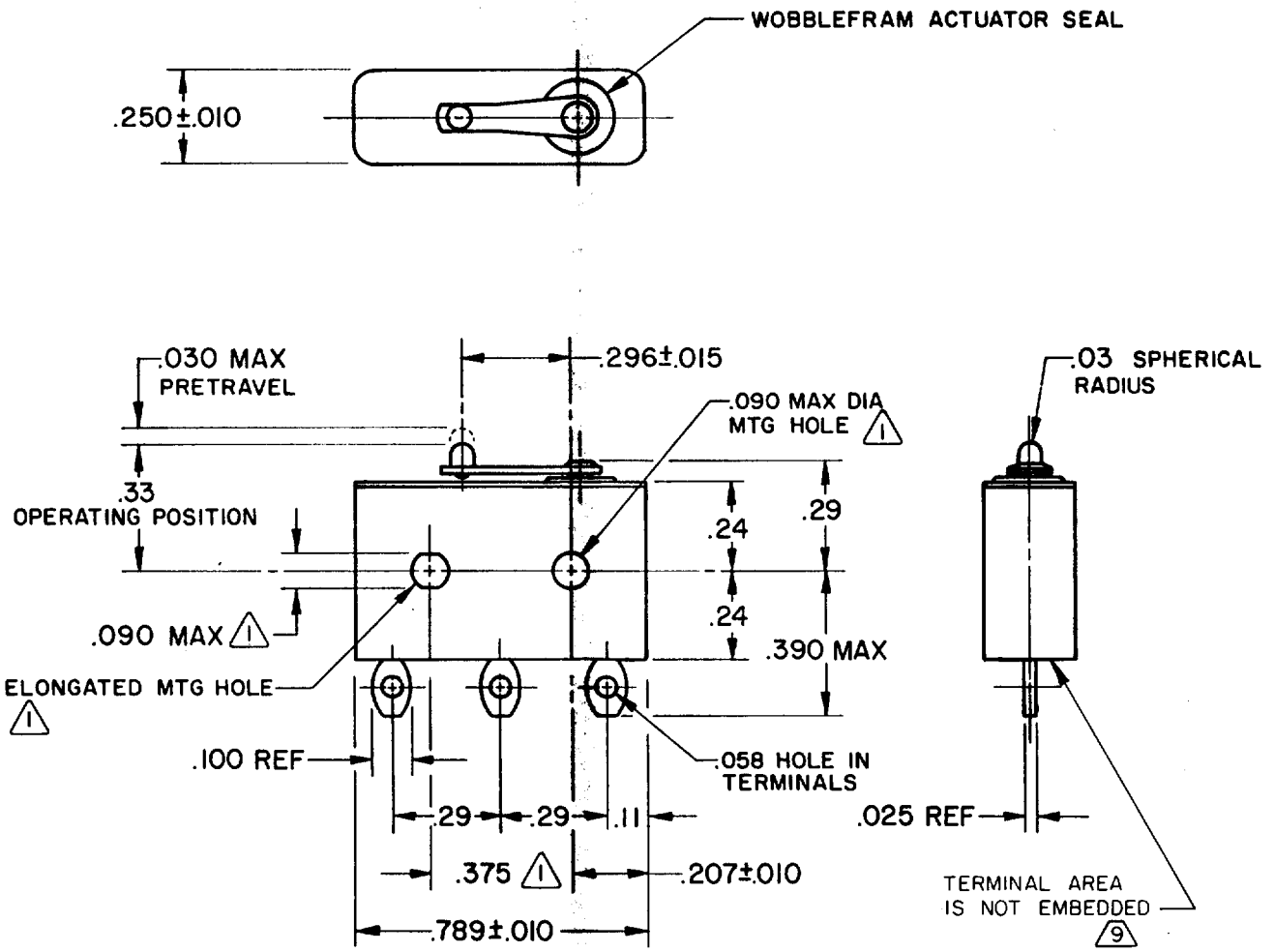
MICRO SWITCH
FREEPORT ILLINOIS, U.S.A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH - BASIC

CATALOG LISTING
15HM5

REPLACES X81842-HM
RELEASE NO. PR-14096
DRAWING NUMBER 15HM5 M
ISSUE 3



NOTES

1. MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375±.002 CENTERS
2 - FOR USE IN TEMPERATURE RANGE -300°F TO +327°F
3 - HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
4 - ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
5 - DO NOT APPLY MORE THAN 1 1/2 INCH-POUNDS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS
6 - TERMINALS ARE TINNED FOR SOLDERING
7. MICRO SWITCH RECOMMENDS POTTING TERMINAL AREA AFTER LEAD WIRES ARE ATTACHED

REVISIONS

A	PR-14096	MAM 19 AUG 85
B	C071228	DAW 29 OCT 91

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THIRD ANGLE PROJECTION

CHARACTERISTICS

OPERATING FORCE ———— 7 OZ MAX
RELEASE FORCE ———————— 1 OZ MIN
DIFFERENTIAL TRAVEL——.0003 - .0040
OVERTRAVEL ———————— .003 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
SPDT

28 VOLTS DC RATING
INDUCTIVE-SEA LEVEL - 1 AMP
70,000 FT - 1 AMP
RESISTIVE-SEA LEVEL - 3 AMP
70,000 FT - 3 AMP
115 VOLTS AC RATING (400 CYCLE)
INDUCTIVE-SEA LEVEL - 1 AMP
RESISTIVE-SEA LEVEL - 1 AMP

SCALE 2:1

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/.015	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 ■

WEIGHT .014 LB MAX

DRAWN MAM 19 AUG 85 CHECK CHECK CHECK

FO-52848-A