

# MICRO SWITCH

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

# SWITCH - BASIC

CATALOG LISTING

## 15HM2

15HM2

M

DRAWING NUMBER

3

ISSUE

8

REPLACES

RELEASE NO. PR-9969

CHECK

REVISIONS

A	PR-9969
	WJM MAR 81
B	C071228
	DAW 29 OCT 91

CHECK

18 MAR 81

CHECK

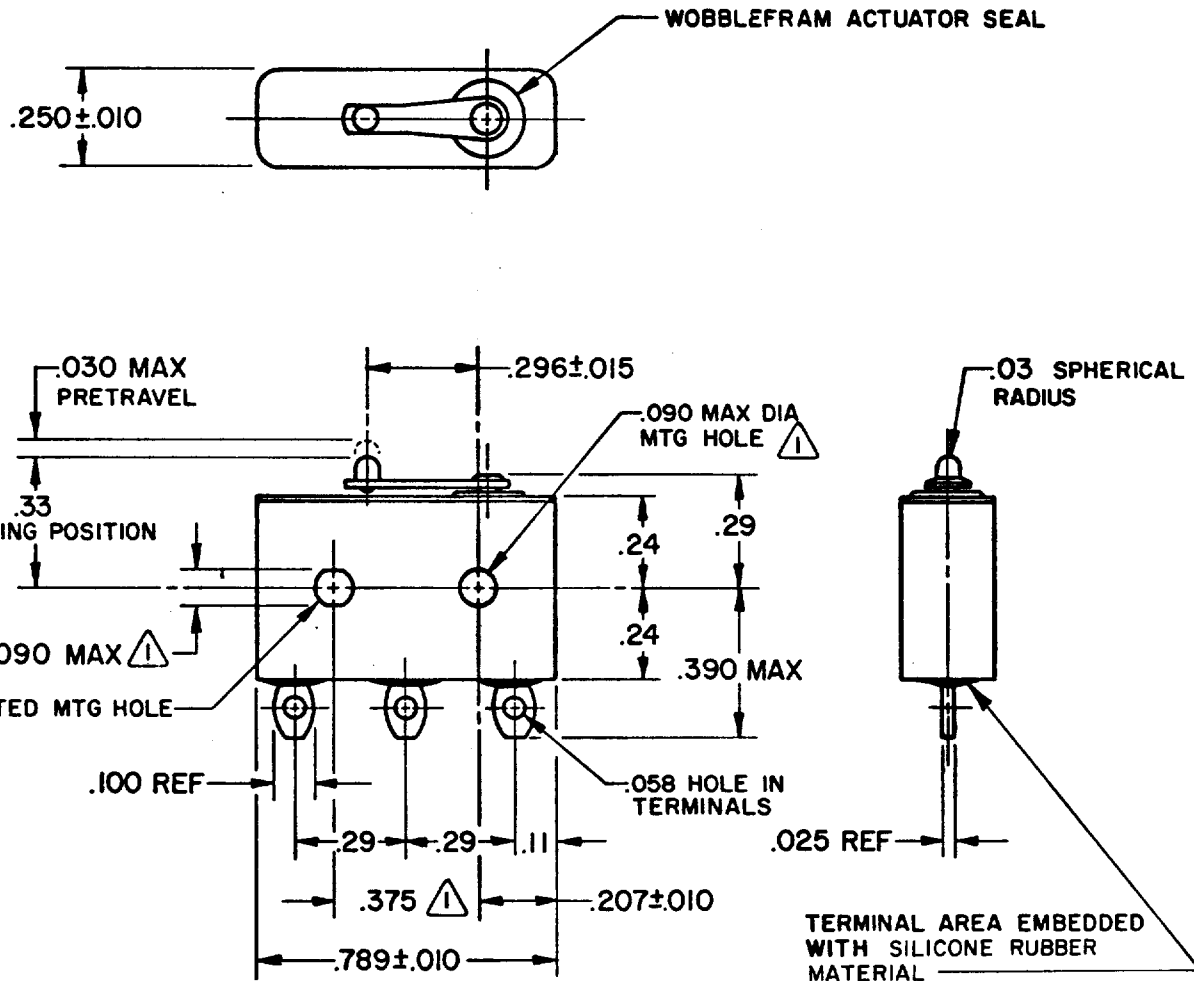
17 MAR 81

CHECK

17 MAR 81

CHECK

17 MAR 81

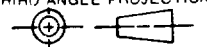


NOTE-

- 1 - MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375 ± .002 CENTERS
- 2 - FOR USE IN TEMPERATURE RANGE -85°F TO +500°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 - SWITCH WILL REMAIN FUNCTIONAL AFTER BEING SUBJECTED TO THE SHOCK OF MIL-S-901 GRADE A, SUBASSEMBLY, CLASS 1, LIGHTWEIGHT TYPE C

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



CHARACTERISTICS

OPERATING FORCE --- 7 OZ MAX

RELEASE FORCE ----- 1 OZ MIN

DIFFERENTIAL TRAVEL -- .0003 - .006

OVERTRAVEL ----- .003 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT  
S P D T

LINE VOLTAGE	INDUCTIVE LOAD	RESISTIVE LOAD
SEA LEVEL 70,000 FT 28 VDC	1 AMP	3 AMP
SEA LEVEL 115 (400 CYCLE)	1 AMP	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	1/64	X	0.07/05
ONE PLACE	X,X	0.4/018	X,X	0.38/015
TWO PLACES	X,XX	0.15/008	X,XX	0.15/005
THREE PLACES	X,XXX		X,XXX	

DESIGN UNITS  SI METRIC

US CUSTOMARY

WEIGHT .014 LB MAX

FO-52848-A

DRAWN

WJM 17 MAR 81