

# MICRO SWITCH

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

## SWITCH - BASIC

CATALOG LISTING

4HM49

S

4HM49

M

DRAWING  
NUMBER

X

12

ISSUE

10

X

8

REPLACES

RELEASE NO. PR-5181

CHECK

### REVISIONS

A PR-5181

RE R

26 SEP 75

B CO45333

S J B

4 MAY 79

C CO 52357

R J H

18 NOV 82

D CO52357-2

KAG

30 DEC 82

E CO 58221

M A M

26 SEP 85

F CO71228

DAW

1 NOV 91

G CO79496

SAD

17 DEC 94

75

SEP

26

SEP

26

SEP

26

SEP

FO-52848-A

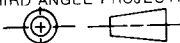
DRAWN

### NOTE -

- 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 +300°F
- 3 - HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
- 4 - ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
- 5 - 24K GOLD MOVABLE CONTACT
- 6 - DO NOT APPLY MORE THAN 1 1/2 INCH-LBS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS
- 7 (2) NO. 24 WIRE LEAD PER MIL22759/11 (COMMON: RED, NORMALLY - OPEN: GREEN)
- 8 - GOLD ALLOY STATIONARY CONTACTS
- 9 WEIGHT OF SWITCH ONLY 0.22 OZ MAX. WEIGHT OF CONDUCTOR GROUP ONLY IS 0.14 OZ MAX PER FOOT
- 10 - CONFIGURATION CONTROL PER BENDIX CCR-0020

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 - - - .006 MAX

OVERTRAVEL - - - - - .003 MIN

### ELECTRICAL DATA

CONTACT ARRANGEMENT  
S P N O

#### 28 VOLTS DC RATING

INDUCTIVE - - - - - SEA LEVEL - 1/4 AMP  
70,000 FT - - - 1/4 AMP  
RESISTIVE - - - - - SEA LEVEL - 1 AMP  
70,000 FT - - - 1 AMP

SCALE 2 TO 1

DO NOT SCALE PRINT

#### TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

| DIM.         | TOL.    | DIM.     | TOL.    |
|--------------|---------|----------|---------|
| mm           | mm/in   | in       | mm/in   |
| NO PLACES    | X       | 1/64     | X X     |
| ONE PLACE    | X X     | 0.4/016  | X X X   |
| TWO PLACES   | X X X   | 0.15/006 | X X X   |
| THREE PLACES | X X X X | 0.38/015 | X X X X |
| ANGLES       |         | 0.13/005 |         |

SI METRIC ☐

US CUSTOMARY ☒

WEIGHT

9

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Honeywell:](#)

[4HM49](#)