

# MICRO SWITCH

FREEPORT ILLINOIS, U.S.A  
A DIVISION OF HONEYWELL

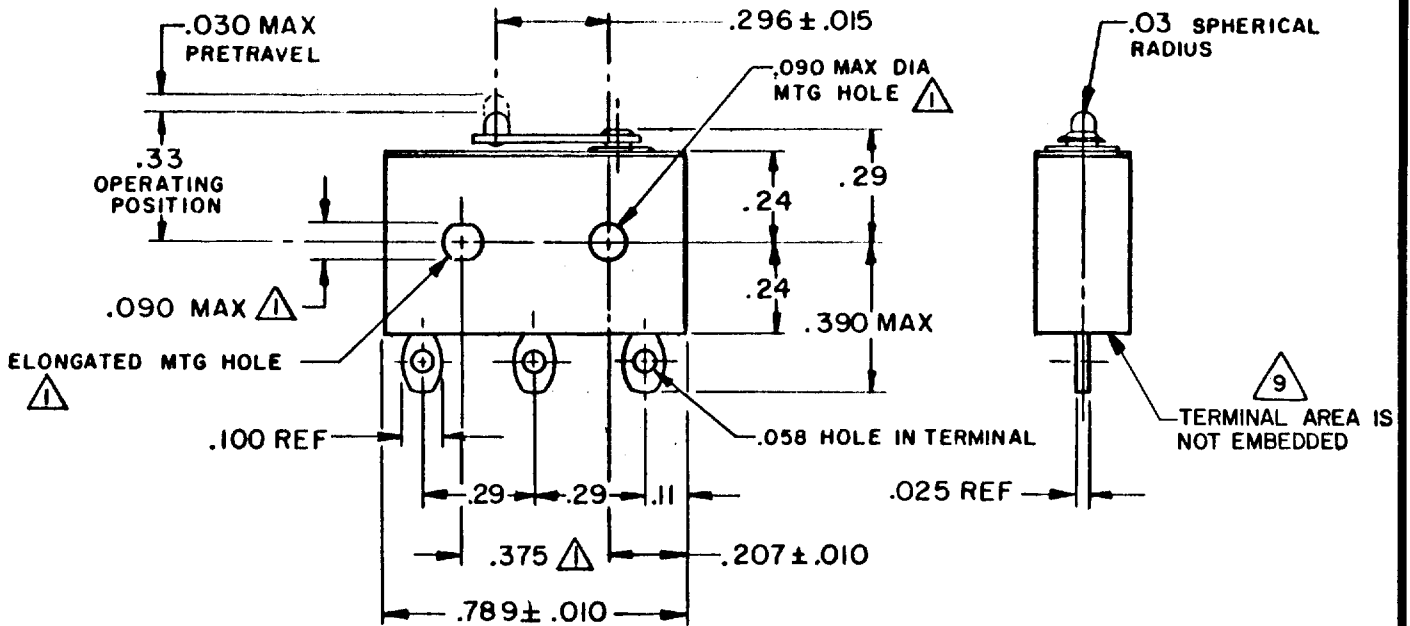
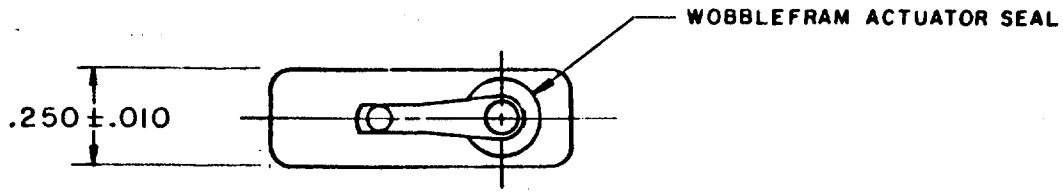
FED. MFG. CODE 91929

# SWITCH - BASIC

CATALOG LISTING

## 7HM5

7HM5  
 M  
 DRAWING NUMBER  
 8  
 ISSUE  
 8  
 REVISIONS  
 A PR-2946  
 D B W  
 18 OCT 72  
 B CO-32230  
 BEN  
 23 JUL 73  
 C OBS DWG  
 CO-35917  
 SMA  
 7 OCT 75  
 D REINST  
 ETS  
 K P K  
 16 NOV 78  
 E OBS DWG  
 CO-47551  
 WJM  
 7 APR 80  
 F REINST  
 PR-9156  
 KAG  
 24 JUN 80  
 G CO71228  
 DAW  
 1 NOV 91  
 RER 27 APR 71  
 DRAWN  
 O-50378-1A  
 CHECK  
 L S D  
 28 APR 71  
 CHECK  
 G L R  
 28 APR 71  
 CHECK  
 28 APR 71  
 REPLACES  
 PR-2946



**NOTE -**

- △ 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 EXCEPT THE NICKEL PLATED COLD ROLLED STEEL HEADER PLATE
- 5 - DO NOT APPLY MORE THAN 1 1/2 INCH-LBS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS
- 6 - TERMINALS ARE TINNED FOR SOLDERING
- 7 - 24K GOLD MOVABLE CONTACT
- 8 - GOLD ALLOY STATIONARY CONTACTS
- 9 - MICRO SWITCH RECOMMENDS POTTING TERMINAL AREA AFTER LEAD WIRES ARE ATTACHED

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**CHARACTERISTICS**

OPERATING FORCE - - - - - 7 OZ MAX  
 RELEASE FORCE - - - - - 1 OZ MIN  
 DIFFERENTIAL TRAVEL - - - - .006 MAX  
 OVERTRAVEL - - - - - .003 MIN

**ELECTRICAL DATA**

CONTACT ARRANGEMENT  
S P D T

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

UNLESS OTHERWISE NOTED  
 DIMENSIONS ARE IN INCHES

**TOLERANCES ARE:**

|             |        |        |
|-------------|--------|--------|
| ONE PLACE   | (.0)   | ± .030 |
| TWO PLACE   | (.00)  | ± .015 |
| THREE PLACE | (.000) | ± .005 |
| ANGLES      |        | ±      |

WEIGHT .014 LB

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