

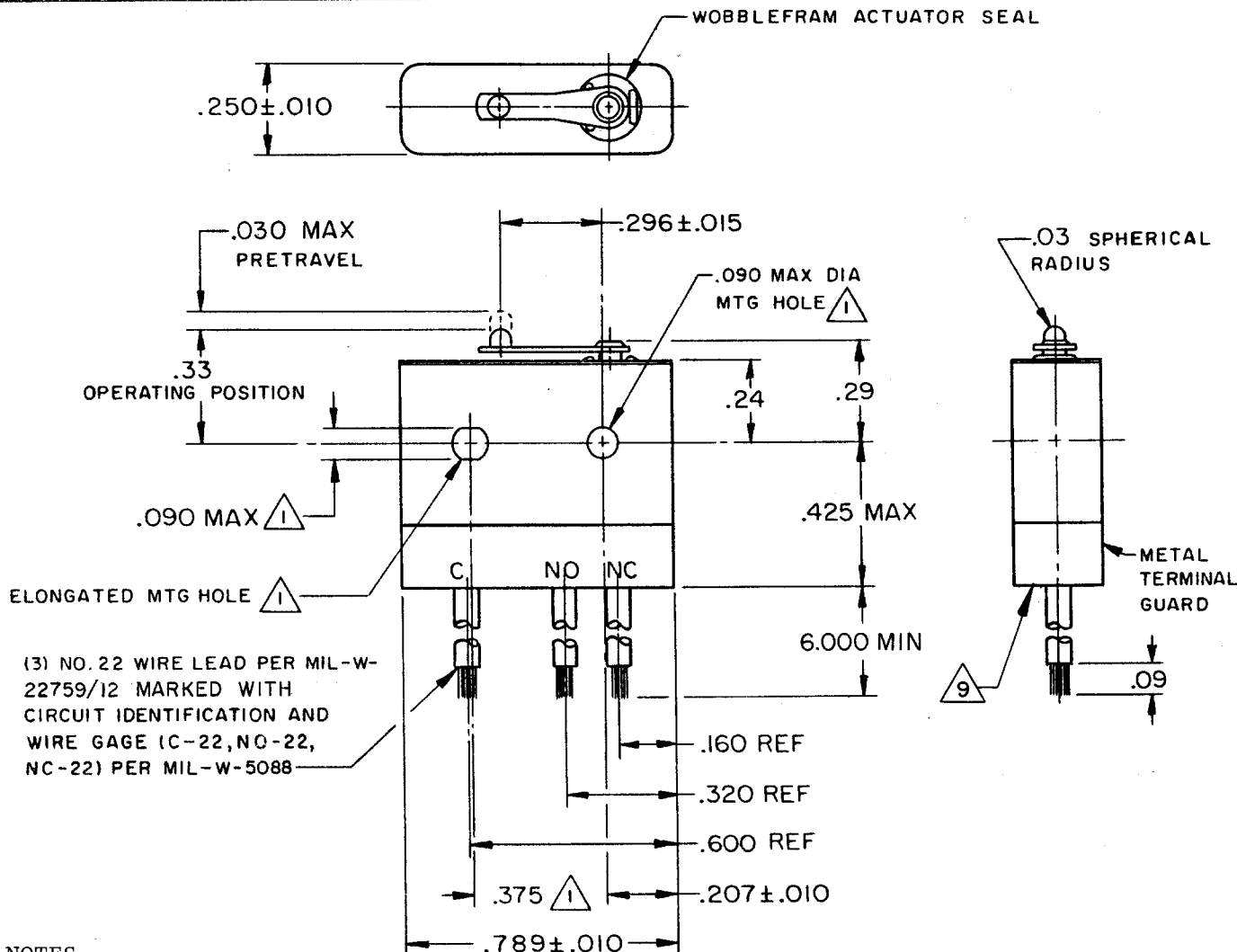
MICRO SWITCH

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

SWITCH-BASIC

CATALOG LISTING

18HM45

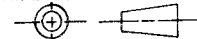


NOTES

- 1 MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF $.087 \text{ MAX DIA}$ ON $.375 \pm .002$ CENTERS
- 2 - FOR USE IN TEMP RNG -85°F TO $+500^{\circ}\text{F}$ (DOWN TO -300°F IF WIRE LEADS ARE NOT FLEXED)
- 3 - HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
- 4 - ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
- 5 WEIGHT OF SWITCH ONLY IS 0.22 OZ MAX. WEIGHT OF CONDUCTOR CABLE ONLY IS 0.14 OZ MAX PER FOOT
- 6 - DO NOT APPLY MORE THAN 1 1/2 IN-LBS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS
- 7 - GOLD ALLOY STATIONARY CONTACTS
- 8 - 24K GOLD MOVABLE CONTACT
- 9 RELBL OF SPECIAL EPOXY POTTING COMPOUND (STYCAST 2762) HAS NOT BEEN CONFIRMED
- 10 - SWITCHES MARKED WITH A "-D" UNDER DATE CODE HAVE BEEN BAKED AT 200°F FOR 2 HRS BEFORE PASSING DIELECTRIC TEST

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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
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 2:1

DO NOT
SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

ONE PLACE (.0) $\pm .030$
TWO PLACE (.00) $\pm .015$
THREE PLACE (.000) $\pm .005$

ANGLES \pm
RAW MATERIAL - COMMERCIAL STANDARD
DIMENSIONS ARE IN INCHES AND ARE
TO BE MET BEFORE PROTECTIVE
COATINGS ARE APPLIED

MICRO SWITCH STANDARDS APPLY

WEIGHT 5

18HM45

M

DRAWING
NUMBER

X 2

ISSUE

3

REPLACES

RELEASE NO. PR-15995

CHECK

REVISIONS

A C071228

DAW

29 OCT 91

B C080788

SAD

26 APR 95

CHECK

NOV 87

3

CHECK

MAM

NOV 87

CHECK

27 OCT 87

FO-52848-B

DRAWN

Mouser Electronics

Authorized Distributor

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