

MICRO SWITCH

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

FED. MFG. CODE 91929

SWITCH-BASIC

CATALOG LISTING

8HM1-1

8HM1-1

M

DRAWING
NUMBER

3

7

ISSUE

7

REPLACES

RELEASE NO. PR-5212

CHECK

REVISIONS

A	NEW DWG PR-5212 R E R 5 SEPT 75
B	CO 51776 G R T 28 JUL 82
C	CO 71228 DAW 1 NOV 91
D	CO 80788 S A D 25 APR 95

CHECK

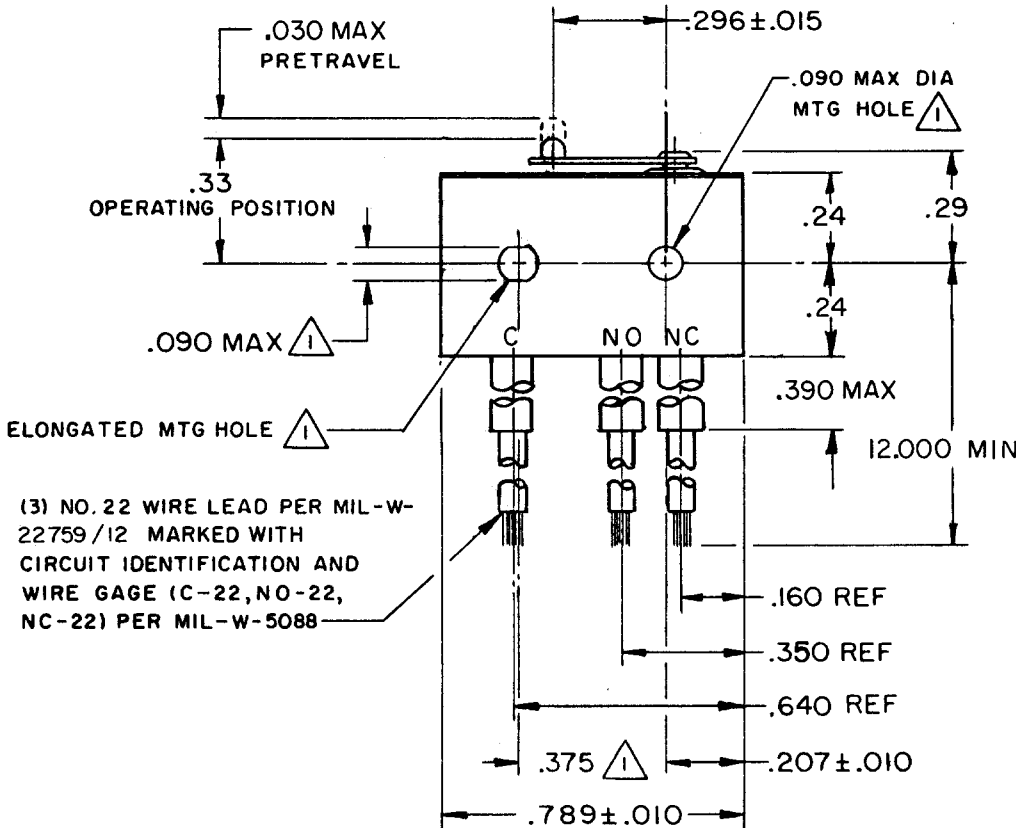
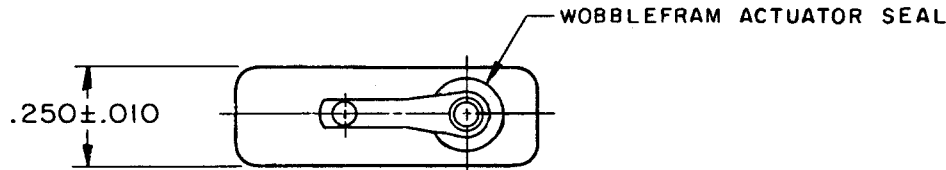
5 SEPT 75

5 SEPT 75

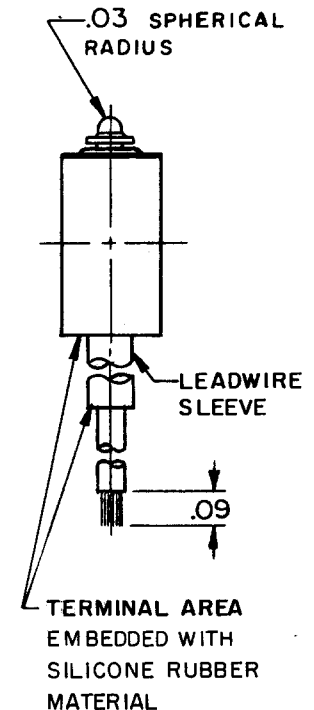
5 SEPT 75

FO-52848-A

DRAWN



(3) NO. 22 WIRE LEAD PER MIL-W-22759/12 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (C-22, NO-22, NC-22) PER MIL-W-5088

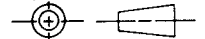


NOTE -

- 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 (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 0.014 LB MAX. WEIGHT OF CONDUCTOR GROUP ONLY IS 0.013 LB MAX PER FOOT
- 6 DO NOT APPLY MORE THAN 1 1/2 INCH-LBS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS
- 7 24K GOLD MOVABLE CONTACT
- 8 GOLD ALLOY STATIONARY CONTACTS

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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 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

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/.04	
ONE PLACE	X, X	0.4/.016	X, X
TWO PLACES	X, X	0.15/.006	X, XX
THREE PLACES	X, X		X, XXX
ANGLES			

DESIGN UNITS ☐ SI METRIC

☒ US CUSTOMARY

WEIGHT 5