

MICRO SWITCH

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

SWITCH - BASIC

CATALOG LISTING

9HM30-REL-PGM

RELIABILITY PROGRAM

M 9HM30-REL-PGM

REPLACES

RELEASE NO. PR-4345

DRAWING
NUMBER

4

ISSUE

CHECK

REVISIONS

A NEW DWG
PR-4345
K P K
I NOV 74
B 0071229
LJF
23 OCT 91

CHECK

7 NOV 74

DAW

CHECK

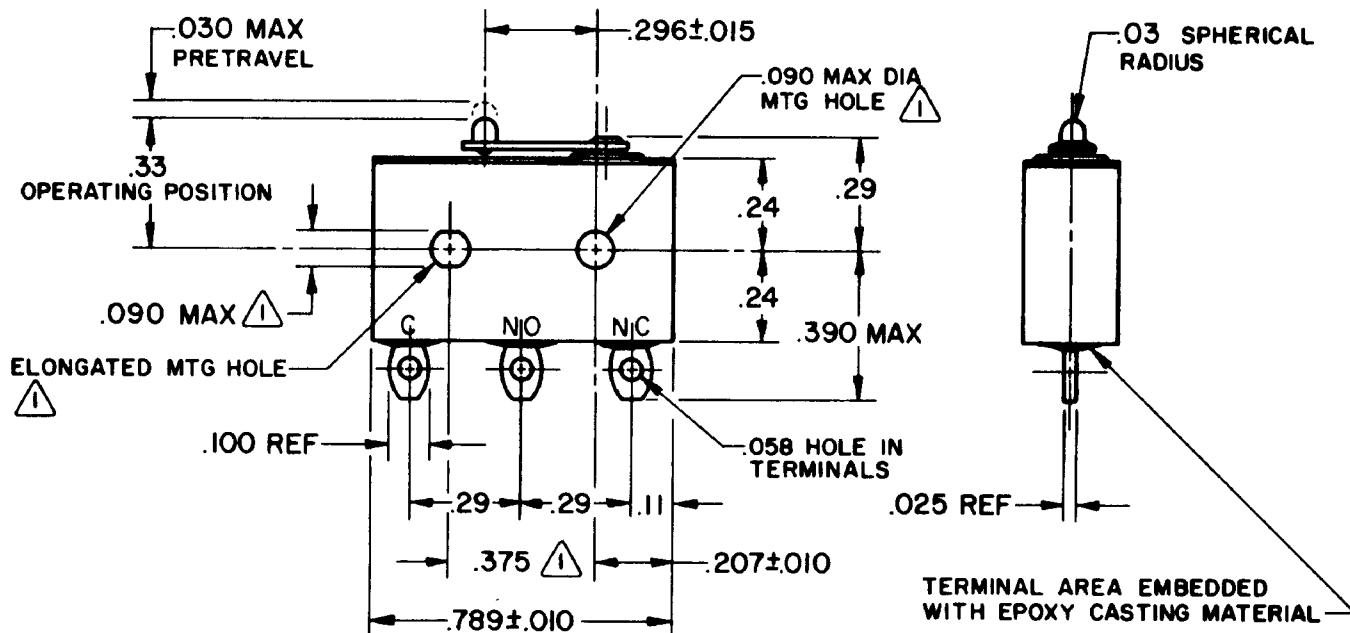
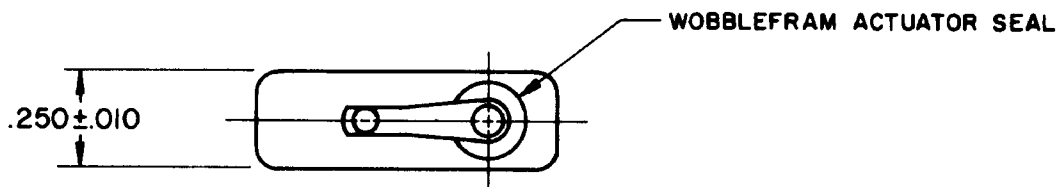
74

NOV

K P K

FO-52848-A

DRAWN

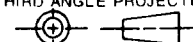


NOTE-

- 1 - MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF $.087$ MAX DIA ON $.375 \pm .002$ CENTERS
- 2 - FOR USE IN TEMPERATURE RANGE -300°F TO $+250^{\circ}\text{F}$
- 3 - HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
- 4 - ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
- 5 - TERMINALS ARE TINNED FOR SOLDERING
- 6 - DO NOT APPLY MORE THAN $1\frac{1}{2}$ 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 ----- $.006\text{ MAX}$
OVERTRAVEL ----- $.003\text{ MIN}$

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T

28 VOLTS DC RATING

INDUCTIVE ----- SEA LEVEL - $1/4\text{ AMP}$
70,000 FT - $1/4\text{ AMP}$
RESISTIVE ----- SEA LEVEL - $1/2\text{ AMP}$
70,000 FT - $1/2\text{ AMP}$

SCALE 2 TO 1

DO NOT SCALE PRINT

TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE $\pm$

DIM.	TOL.	DIM.	TOL.
mm	mm/in	in	mm/in
NO PLACES	X	1/64	X X
ONE PLACE	X, X	0.4/0.016	X X
TWO PLACES	X, XX	0.15/0.008	X XX
THREE PLACES	X, XXX	0.38/0.015	X XXX
ANGLES		0.13/0.005	

SI METRIC

US CUSTOMARY

DESIGN UNITS



WEIGHT .014 LB MAX