

MICRO SWITCH

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

CATALOG LISTING

4HS109

SWITCH - BASIC

4HS109

M

DRAWING
NUMBER

7

ISSUE

PAGE 1 OF 1

REPLACES

PR-4906

RELEASE NO.

CHECK

CHECK

15

3 APR 95

75

APR 95

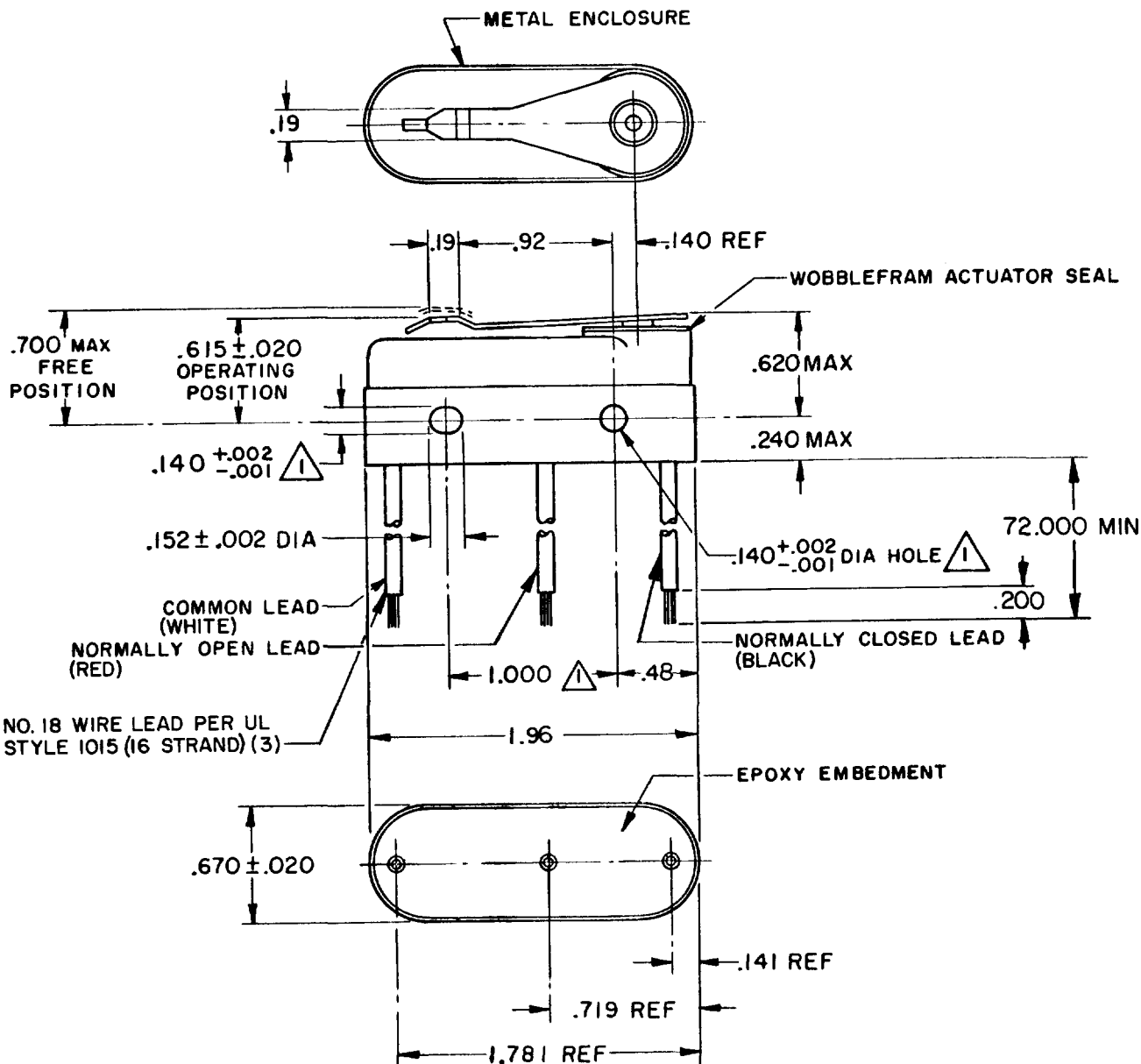
K P K12

REVISIONS

A	C082599
J A K	19 FEB 96
B	C0-94122
TSM	17 MAR 99

FO-52848-A
FORMTEK

DRAWN

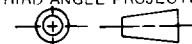


NOTE -

- 1 MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .139 MAX DIA ON 1.000 ± .002 CENTERS
- 2 - LEADS APPROPRIATELY MARKED FOR CIRCUIT IDENTIFICATION
- 3 - FOR USE IN AMBIENT TEMPERATURE RANGE FROM -65° TO +180° F
- 4 - WEIGHT OF SWITCH ONLY IS 1.5 OZ MAX. WEIGHT OF CONDUCTOR GROUP ONLY IS 0.5 OZ MAX PER FOOT

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THIRD ANGLE PROJECTION



CHARACTERISTICS

OPERATING FORCE-----10-22 OZ
RELEASE FORCE-----4 OZ MIN
PRETRAVEL-----.065 MAX
DIFFERENTIAL TRAVEL-----.020 MAX
OVERTRAVEL-----.010 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T

LINE
VOLTAGE

28 VDC
125 VAC

INDUCTIVE
LOAD

8 AMP
1 AMP

RESISTIVE
LOAD

15 AMP
.5 AMP

SCALE FULL

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,X	0.15/.006	X,X,X
THREE PLACES	X,X,X,X		X,X,X,X
ANGLES			

DESIGN UNITS

SI METRIC

US CUSTOMARY

L 277

1A 125 VAC, 5A 28 VDC



WEIGHT

4