

# MICRO SWITCH

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

# SWITCH - BASIC

CATALOG LISTING

4HS109-318N

4HS109-318N

PAGE 1 OF 1

RELEASE NO. PR-16829 REPLACES

M

DRAWING NUMBER

ISSUE

3

REVISIONS

A	CO-80973	DLT	27 JUN 95
B	CO-94122	TSM	17 MAR 99

CHECK

CHECK

88

88

88

88

88

88

88

88

88

88

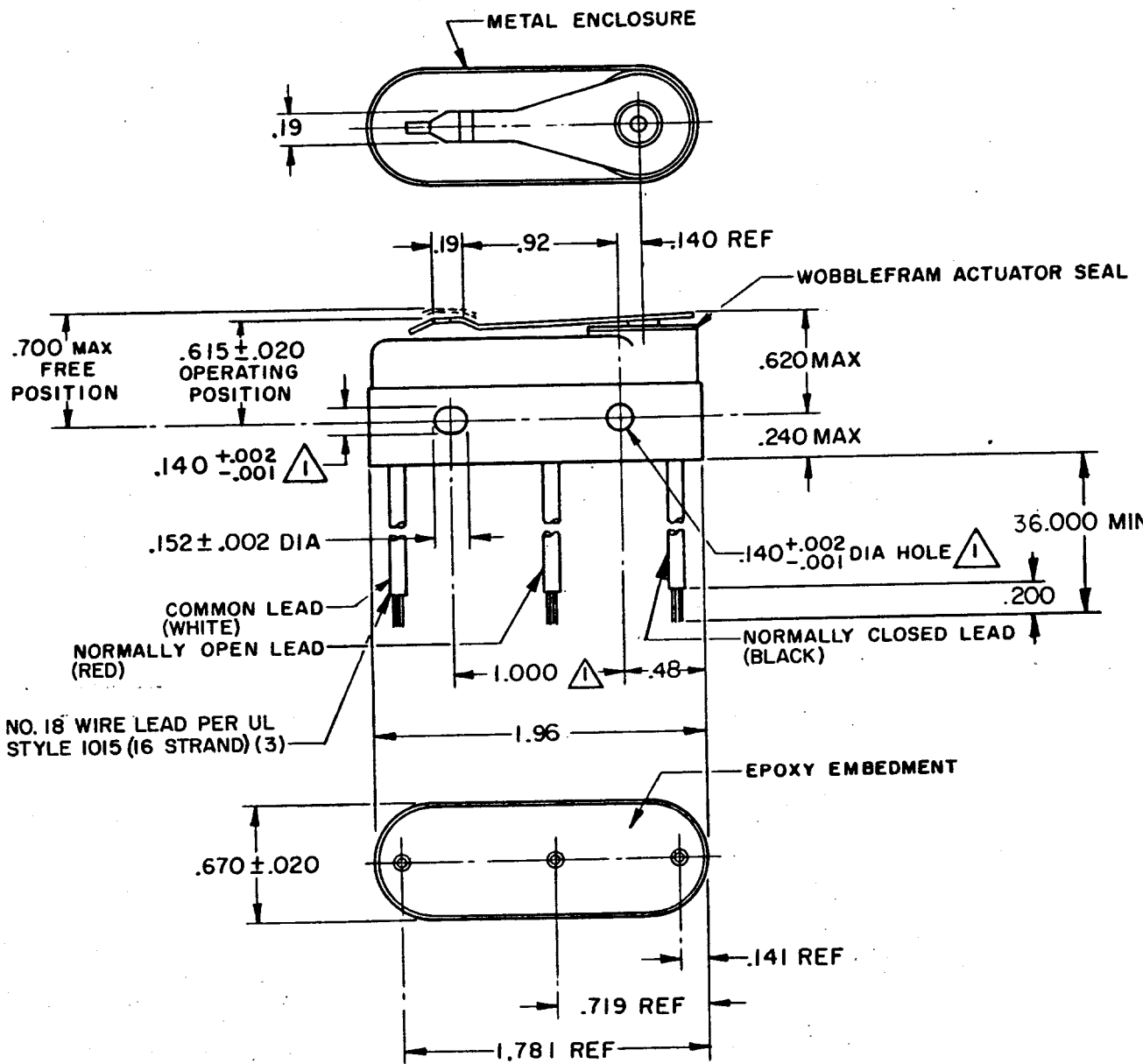
88

88

FO-52848-A  
FORMTEK

DRAWN

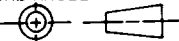
TSK 20 OCT 88



- 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 +100° F
  - 4 - WEIGHT OF SWITCH ONLY IS 1.5 OZ MAX. WEIGHT OF CONDUCTOR GROUP ONLY IS 0.5 OZ MAX PER FOOT

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

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	INDUCTIVE LOAD	RESISTIVE LOAD
28 VDC 125 VAC	8 AMP 1 AMP	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. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/64	X, X	0.01/0.03
ONE PLACE	X, X	0.4/0.16	X, XX	0.38/0.15
TWO PLACES	X, XX	0.15/0.008	X, XXX	0.13/0.005
THREE PLACES				

DESIGN UNITS  SI METRIC  US CUSTOMARY

L 277

1A - 125 VAC, 5A 28 VDC



WEIGHT

4