

MICRO SWITCH

FREEPORT 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

2

ISSUE

3

REVISIONS

A CO-80973

DLT
27 JUN 95

B CO-94122

TSM
17 MAR 99

FO-52848-A
FORMTEK

DRAWN

CHECK

88

88

88

88

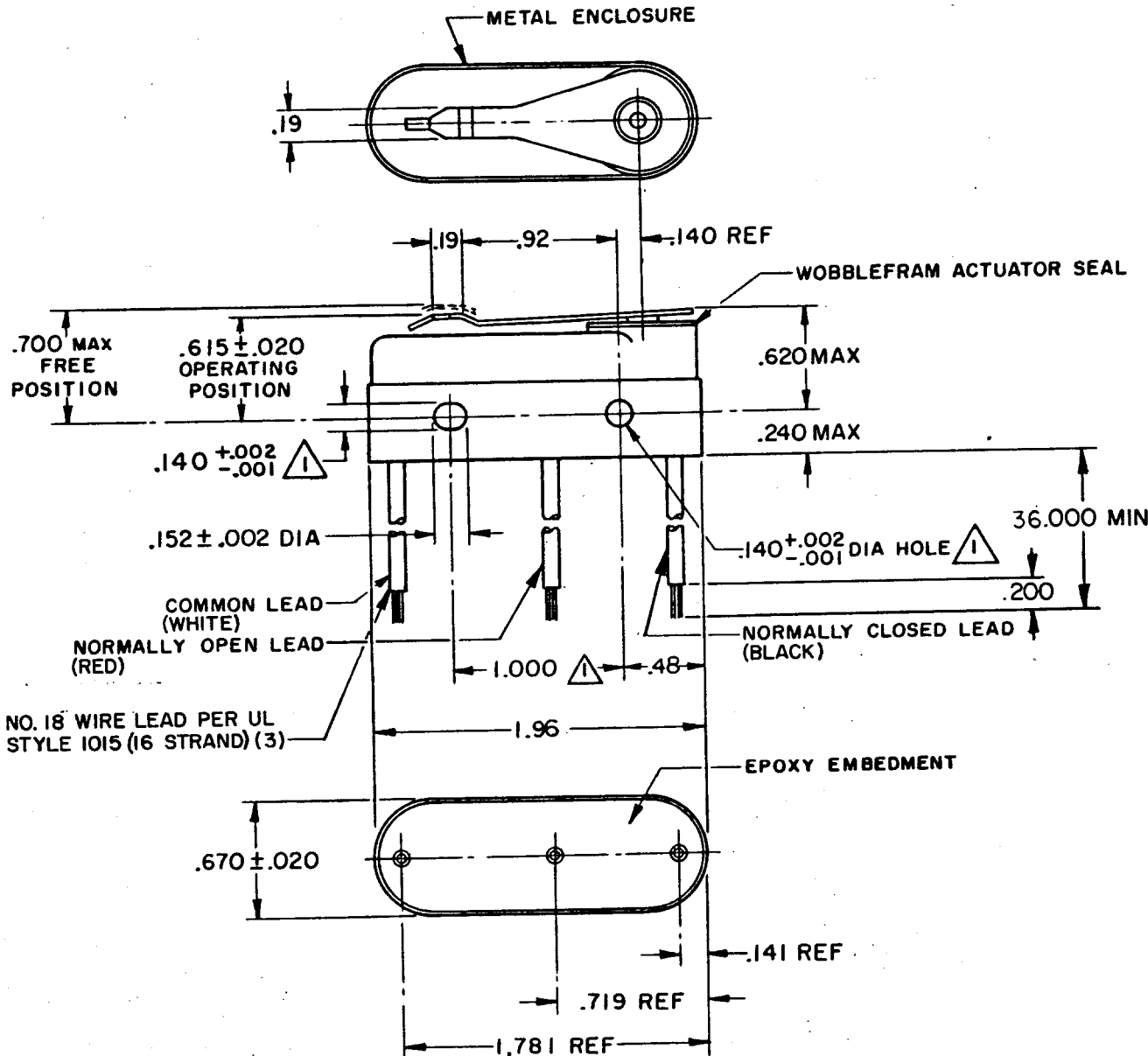
88

88

88

88

88

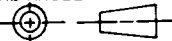


NOTE -

1. MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .139 MAX DIA ON 1.000 $\pm .002$ 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

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

L 277

1A - 125 VAC, 5A 28 VDC



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	1/64	X
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			

SI METRIC

DESIGN UNITS

□

US CUSTOMARY

■

WEIGHT

4