



BZ-2R-P4

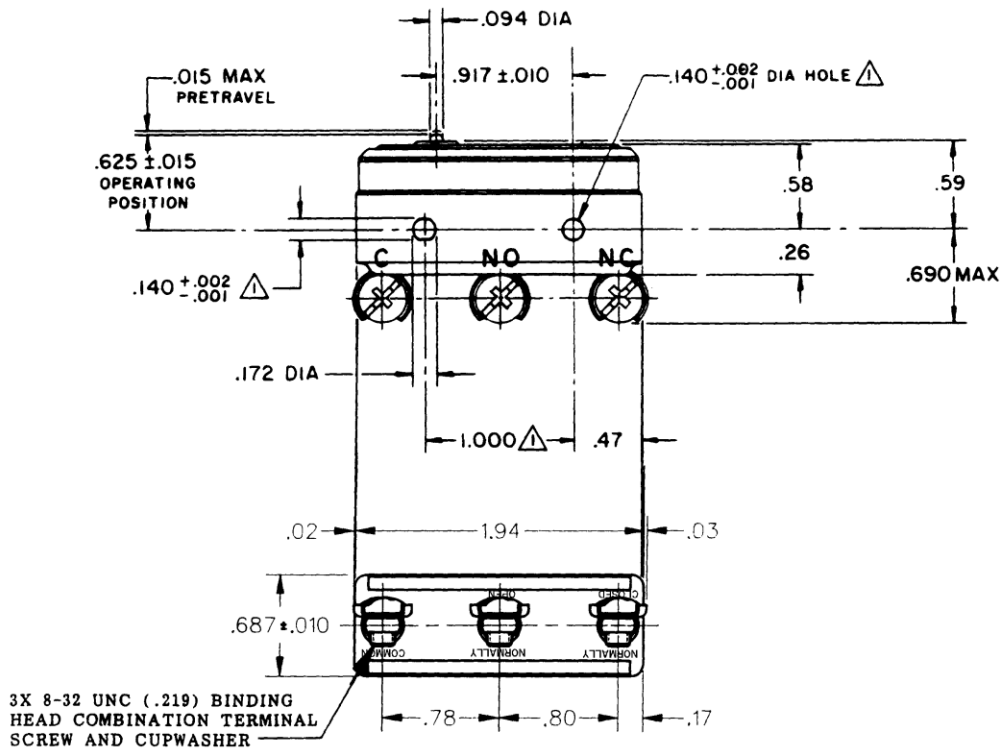
#### Product Specifications

|                                |                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------|
| Switch Type                    | MICRO SWITCH™ Standard 25,4 mm H x 17,8 mm W x 50,8 mm L [1.0 in H x 0.7 in W x 2.0 in L] |
| Sealed                         | No                                                                                        |
| Ampere Rating                  | 15 A                                                                                      |
| Circuitry                      | SPDT                                                                                      |
| Actuator                       | Pin Plunger                                                                               |
| Termination                    | Screw                                                                                     |
| Operating Temperature          | -55 °C to 85 °C [-67 °F to 185 °F]                                                        |
| Voltage                        | 250 Vac                                                                                   |
| Contact Type                   | Silver                                                                                    |
| Operating Force (OF)           | 2,5 N to 3,61 N [9.0 oz to 13.0 oz]                                                       |
| Release Force                  | 1,11 N [4.0 oz] min.                                                                      |
| Pretravel (PT)                 | 0,38 mm [0.015 in] max.                                                                   |
| Overtravel (OT)                | 0,13 mm [0.005 in] min.                                                                   |
| Differential Travel (DT)       | 0,01 mm to 0,05 mm [0.0004 in to 0.0020 in]                                               |
| Operating Position (OP)        | 15,88 mm ±0,38 mm [0.625 in ±0.015 in]                                                    |
| Material                       | Plastic                                                                                   |
| Housing Material               | General Purpose Phenolic                                                                  |
| Agency Approvals and Standards | UL, CE, CSA                                                                               |
| Mounting Screw Size            | 3,53 mm [0.139 in]                                                                        |
| Mounting Centers               | 25,4 mm [1 in]                                                                            |
| Tightening Torque              | 0,33 N m [3.0 in lb]                                                                      |
| Weight                         | 28,6 g [0.063 lb]                                                                         |
| Package Height                 | 24,1 mm [0.95 in]                                                                         |
| Package Width                  | 17,5 mm [0.69 in]                                                                         |
| Package Length                 | 49,3 mm [1.94 in]                                                                         |

# SWITCH - BASIC

CATALOG LISTING  
**BZ - 2R - P4**  
JG05700

**BZ - 2R - P4**  
PAGE 1 OF 1  
RELEASE NO.  
DRAWING NUMBER  
ISSUE  
REVISIONS  
A CO16851  
B CH 16 FEB 63  
C 753678  
D 77863  
E CO93346  
F 0015138  
G CH 16 FEB 63  
H 16 FEB 63  
I 16 FEB 63  
J 16 FEB 63  
K 16 FEB 63  
L 16 FEB 63  
M 16 FEB 63  
N 16 FEB 63  
O 16 FEB 63  
P 16 FEB 63  
Q 16 FEB 63  
R 16 FEB 63  
S 16 FEB 63  
T 16 FEB 63  
U 16 FEB 63  
V 16 FEB 63  
W 16 FEB 63  
X 16 FEB 63  
Y 16 FEB 63  
Z 16 FEB 63  
FORMTEK  
FO-50378



3X 8-32 UNC (.219) BINDING  
HEAD COMBINATION TERMINAL  
SCREW AND CUPWASHER

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

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

| CHARACTERISTICS                      | ELECTRICAL DATA                                                                                   | SCALE FULL                                                                                                                                                                               |
|--------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OPERATING FORCE ----- 9-13 OZ        | CONTACT ARRANGEMENT<br>S P D T                                                                    | DO NOT SCALE PRINT                                                                                                                                                                       |
| RELEASE FORCE ----- 4 OZ MIN         | -L96- 15 A-125, 250, OR 400 VAC<br>1/2 A-125 VDC; 1/4 A-250 VDC<br>1/8 HP-125 VAC; 1/4 HP-250 VAC | UNLESS OTHERWISE<br>SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE:<br>ONE PLACE (.0) $\pm$ .050<br>TWO PLACE (.00) $\pm$ .015<br>THREE PLACE (.000) $\pm$ .005<br>ANGLES $\pm$ |
| DIFFERENTIAL TRAVEL ---- .0004-.0020 | -L288-<br>-L306-<br>-L315-<br>CE EN05 EC T85 5E4                                                  | WEIGHT .074 LB                                                                                                                                                                           |
| OVERTRAVEL ----- .005 MIN            |                                                                                                   |                                                                                                                                                                                          |