

| LOC | DIST | REVISIONS |     |               |         |     |      |
|-----|------|-----------|-----|---------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION   | DATE    | DWN | APVD |
| AD  | 00   |           | B   | ECO 06 000585 | 08AUG06 | BSV | MZ   |

SPECIFICATIONS:

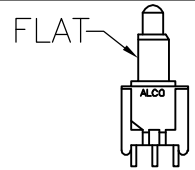
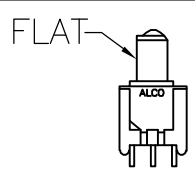
MATERIALS:  
CASE: HIGH TEMPRATURE POLYESTER. UL 94V-0.  
ACTUATOR BUTTON: THERMOPLASTIC, COLORS: SEE CHART BELOW.  
MOVING CONTACT: COPPER ALLOY: GOLD PLATED.  
FIXED CONTACT: COPPER ALLOY. GOLD PLATED.  
TERMINALS: COPPER ALLOY: TIN LEAD PLATED.  
TERMINAL SEAL: SP. EPOXY DP EPOXY OPTIONAL.

ELECTRICAL:  
CONTACT RATING: GOLD =0.4 VA MAX. @ 20 VDC OR PEAK AC.  
INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.  
INSULATION RESISTANCE: 1000 MEGOHMS 500 VDC MIN.  
DIELECTRIC STRENGTH: 1.000 VAC.  
LIFE EXPECTANCY: GOLD: 1 POLE 100,000 CYCLES.  
2 POLE 80,000 CYCLES.

MECHANICAL:  
ACTUATION FORCE: 50 TO 400g.  
ACTUIATION TRAVEL: .030 APPROX.

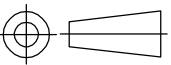
ENVIRNAMENTAL:  
OPERATING TEMPARATURE: -22°F TO +149°F (-30°C TO +65°C)  
STORAGE EMPRATURE -22°F TO +149°F (-30°C TO +65°C)

- NOTES:
- INTERPRET DRAWING PER ASME. Y145M-1994.
  - SUPPLIED WITH MOUNTING HARDWARE.

| TERMINALS CONNECTED WHEN BUTTON IS IN POSITION SHOWN                                         |                                                                                       |                                                                                       |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SWITCH MODEL                                                                                 |  |  |
| TPB11CG-RA(*)                                                                                | OFF                                                                                   | 3-1(MOM)                                                                              |
| TPB11FG-RA(*)                                                                                | 2-1                                                                                   | 2-3(MOM)                                                                              |
| NOTE:<br>TERMINAL DESIGNATION NUMBERS ARE FOR REFERENCE ONLY AND DO NOT. APPEAR ON SWITCHES. |                                                                                       |                                                                                       |

| (*) | BUTTON COLOR |
|-----|--------------|
| 0   | BLACK        |
| 2   | RED          |
| 6   | BLUE         |

RECOMMENDED HOLE LAYOUT  
TOLERANCE ±.002 UNLESS  
OTHERWISE NOTED

|                                                                                       |                                                                                                                                  |                                |                                                                                                                                  |             |            |               |               |   |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------|------------|---------------|---------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                                                                  | DWN<br>V.J.MARTIN<br>06FEB81   | <div><div><div>tyco</div><div>Electronics</div></div><div>Tyco Electronics Corporation<br/>Harrisburg, Pa 17105-3608</div></div> |             |            |               |               |   |
| DIMENSIONS:<br>INCHES                                                                 |                                                                                                                                  | CHK<br>B.BUCKHEIT<br>06FEB81   |                                                                                                                                  |             |            |               |               |   |
|  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .010<br>4 PLC ± -<br>ANGLES ± 1° | APVD<br>RICHARD.D<br>06FEB81   | NAME<br><br>SWITCH,PUSH BUTTON<br>TPB11CG/FG-RA(*)                                                                               |             |            |               |               |   |
|                                                                                       |                                                                                                                                  | PRODUCT SPEC<br><br>—          |                                                                                                                                  |             |            |               |               |   |
|                                                                                       |                                                                                                                                  | APPLICATION SPEC<br><br>—      | SIZE                                                                                                                             | CAGE CODE   | DRAWING NO | RESTRICTED TO |               |   |
|                                                                                       |                                                                                                                                  | MATERIAL<br>SEE SPECIFICATIONS | FINISH<br>SEE SPECIFICATIONS                                                                                                     | WEIGHT<br>— | A2         | 00779         | C=5-1437571-7 | — |
| CUSTOMER DRAWING                                                                      |                                                                                                                                  |                                | SCALE                                                                                                                            | 4:1         | SHEET      | 1 of 1        | REV           | B |