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| LOC | DIST | REVISIONS   |               |         |        |
|-----|------|-------------|---------------|---------|--------|
| P   | LTR  | DESCRIPTION | DATE          | DWN     | APVD   |
| AD  | 00   | B1          | ECO 05 012525 | 27MAY06 | BSV MS |

SPECIFICATIONS:  
 4P3T  
 MAKE-BEFORE-BREAK

ELECTRICAL:  
 CONTACT RATING - 300 milliamp @ 115V AC  
 PER EIA-448, METHOD 6.  
 CONTACT RESISTANCE - 40 milliohm max. @ 100mA 2-4V DC,  
 PER EIA-364-23B, EACH POSITION.  
 INSULATION RESISTANCE - 1,000Megohms min. @ 500V DC,  
 PER EIA-364-21C EACH POSITION.  
 DIELECTRIC STRENGTH - 600V RMS@SEA LEVEL, PER EIA-364-20B,  
 CONDITION 1, EACH POSITION.  
 LIFE EXPECTANCY - ELECTRICAL, 15,000 CYCLES @ FULL LOAD.

MECHANICAL:  
 ACTUATION FORCE - 800 GRAMS MAX.  
 ACTUATION TRAVEL - .100±.010  
 LIFE EXPECTANCY - 15,000 CYCLES.

ENVIRONMENTAL:  
 OPERATING TEMPERATURE - -40 TO +80 DEGREES C,  
 PER EIA 448, METHOD 10.  
 STORAGE TEMPERATURE - -40 TO +80 DEGREES C.  
 HUMIDITY AND TEMPERATURE CYCLING PER-364-31B, METHOD III  
 SOLDERABILITY - PER EIA-364-52, CLASS 2, CATEGORY 1,  
 95% MIN COVERAGE.  
 RESISTANCE TO SOLDER HEAT - PER 109-202, CONDITION B.

NOTES:  
 1. SWITCH TO BE SUPPLIED WITH CLOSED END COVERS.  
 2. PARTS TO BE PACKAGED IN 22 INCH TUBES.  
 3. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU  
 DIRECTIVE 2002 95/EC OF 27JAN2003 (ROHS).

|                |           |             |                    |       |            |             |
|----------------|-----------|-------------|--------------------|-------|------------|-------------|
| 1451186-1      | 1825125-4 | 1-1825395-5 | 1825394-3          | 3     | ASE7107604 | 1825466-1   |
| 1451186-1      | 1825125-4 | 1-1825395-5 | 1825394-1          | -     | ASE71076   | 4-1437581-7 |
| MOVING CONTACT | ACTUATOR  | COVER       | BASE/FIXED CONTACT | NOTES | T&B P/N.   | TYCO P/N.   |

|  |  |                  |                |           |   |               |
|--|--|------------------|----------------|-----------|---|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN              | B.S.VISWESWARA | 15FEB05   | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |               |
| DIMENSIONS:<br>INCHES                  |  | CHK              | M.S.SARVER     | -         | NAME  |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD             | M.S.SARVER     | -         | AUTO SLIDE SWITCH, ASE43RG SPECIAL,<br>ASE71076           |               |
| 0 PLC ± -                              |  | PRODUCT SPEC     | -              | SIZE      |   |               |
| 1 PLC ± -                              |  | APPLICATION SPEC | -              | CAGE CODE | DRAWING NO  | RESTRICTED TO |
| 2 PLC ± -                              |  | WEIGHT           | -              | A2        | 00779   | 4-1437581-7   |
| 3 PLC ± .010                           |  | CUSTOMER DRAWING | -              | SCALE     | SHEET   | REV           |
| 4 PLC ± -                              |  |                  |                | 4:1       | 1 of 1  | B1            |
| ANGLES ± -                             |  |                  |                |           |   |               |
| FINISH                                 |  |                  |                |           |   |               |
| SEE NOTES                              |  |                  |                |           |   |               |

AMP 1471-9 REV 31MAR2000

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