

| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | D   | REVISED PER ECO-16-018632 | 06APR2017 | SK  | PO   |

SPECIFICATIONS:

MATERIAL:  
HOUSING, THERMOPLASTIC, UL94-V0, BLACK  
ACTUATOR, THERMOPLASTIC, UL94-V0, COLOR SEE TABLE  
TERMINAL, COPPER ALLOY, PLATE- SILVER OVER NICKEL  
COVER, STAINLESS STEEL  
CONTACT, STAINLESS STEEL, SILVER PLATE

ELECTRICAL:  
MAX CONTACT RATING: 50MILLIAMPS@24V DC  
MIN CONTACT RATING: 10MICROAMPS@1V DC  
INITIAL CONTACT RESISTANCE, 100 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION  
INSULATION RESISTANCE, 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION  
DIELECTRIC STRENGTH, 500 V AC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1, EACH POSITION.  
CONTACT BOUNCE, 10 MILLISECOND MAX, PER EIA 448-1B, METHOD 15

MECHANICAL:  
ACTUATION FORCE, SEE TABLE  
ACTUATION TRAVEL, .2 +/- .1 mm  
LIFE EXPECTANCY, SEE TABLE, VALUES GIVEN ARE MINIMUM, (2 CYCLES PER SECOND AND 150% ACTUATION FORCE), PER EIA-448 METHODS 8 & 9  
VIBRATION, PER EIA 364-28D, CONDITION VII, LEVEL E, DURATION 1.5 HOURS  
MECHANICAL SHOCK, PER EIA-364-27C, CONDITION A

ENVIRONMENTAL  
OPERATING TEMPERATURE, -35 TO +85 DEGREES C  
STORAGE TEMPERATURE, -35 TO +85 DEGREES C  
HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III  
THERMAL SHOCK, PER EIA-364-32C, -35 TO +85 DEGREES C  
SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 245 DEGREES C MAX, TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE  
RESISTANCE TO SOLDER HEAT, PER 109-201 COND B  
TAPE AND REEL PACKAGING PER EIA 481, TAPE WIDTH 12mm, PITCH 8.0mm, 3000 PER REEL

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

|           |      |            |            |          |       |           |
|-----------|------|------------|------------|----------|-------|-----------|
| OBSOLETE  | T&R  | 1,00,000   | VIOLET     | 260±50gf | 2.5mm | 1571625-8 |
|           | BULK | 1,00,000   | VIOLET     | 260±50gf | 2.5mm | 1571625-7 |
|           | T&R  | 1,000,000  | RED        | 160±50gf | 2.5mm | 1571625-6 |
|           | BULK | 1,000,000  | RED        | 160±50gf | 2.5mm | 1571625-5 |
|           | T&R  | 1,000,000  | GREEN      | 100±50gf | 2.5mm | 1571625-4 |
|           | BULK | 1,000,000  | GREEN      | 100±50gf | 2.5mm | 1571625-3 |
|           | T&R  | 2,000,000  | IVORY      | 50±30gf  | 2.5mm | 1571625-2 |
|           | BULK | 2,000,000  | IVORY      | 50±30gf  | 2.5mm | 1571625-1 |
| PACKAGING |      | CYCLE LIFE | ACT. COLOR | FORCE    | DIM L | PART NO.  |

|                                        |  |                  |         |                                                                                                       |       |            |     |               |       |  |        |  |     |  |   |  |
|----------------------------------------|--|------------------|---------|-------------------------------------------------------------------------------------------------------|-------|------------|-----|---------------|-------|--|--------|--|-----|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN              | 22SEP03 |  TE Connectivity |       |            |     |               |       |  |        |  |     |  |   |  |
|                                        |  | CHK              | 22SEP03 |                                                                                                       |       |            |     |               |       |  |        |  |     |  |   |  |
|                                        |  | M.SARVER         |         | NAME                                                                                                  |       |            |     |               |       |  |        |  |     |  |   |  |
|                                        |  | APVD             | 22SEP03 |                                                                                                       |       |            |     |               |       |  |        |  |     |  |   |  |
|                                        |  | M.SARVER         |         | PUSHBUTTON SWITCH, 6X6 mm, SMT, J-LEAD                                                                |       |            |     |               |       |  |        |  |     |  |   |  |
|                                        |  | PRODUCT SPEC     |         |                                                                                                       |       |            |     |               |       |  |        |  |     |  |   |  |
|                                        |  | APPLICATION SPEC |         | SIZE                                                                                                  |       |            |     |               |       |  |        |  |     |  |   |  |
|                                        |  |                  |         |                                                                                                       |       |            |     |               |       |  |        |  |     |  |   |  |
| MATERIAL                               |  | WEIGHT           | 0       | CAGE CODE                                                                                             |       | DRAWING NO |     | RESTRICTED TO |       |  |        |  |     |  |   |  |
| SEE NOTES                              |  | FINISH           |         | A2                                                                                                    |       | -          |     | C=1571625     |       |  |        |  |     |  |   |  |
|                                        |  | CUSTOMER DRAWING |         |                                                                                                       | SCALE |            | 8:1 |               | SHEET |  | 1 of 1 |  | REV |  | D |  |

