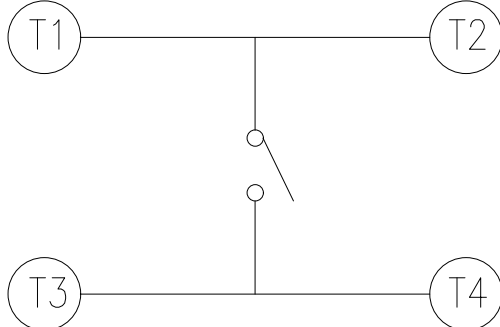
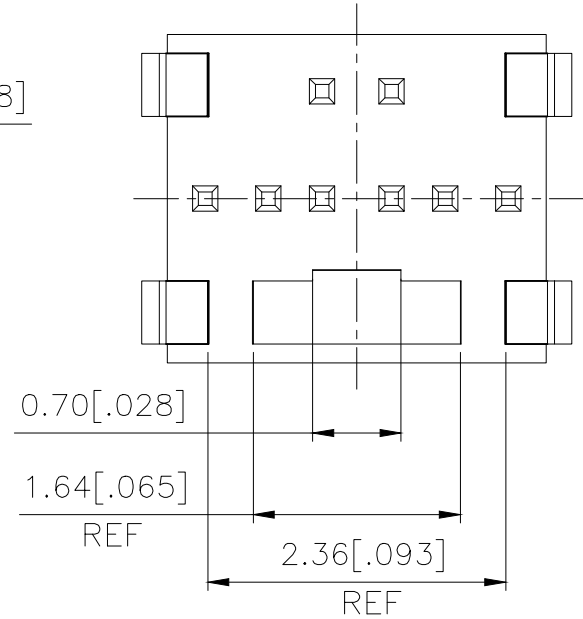
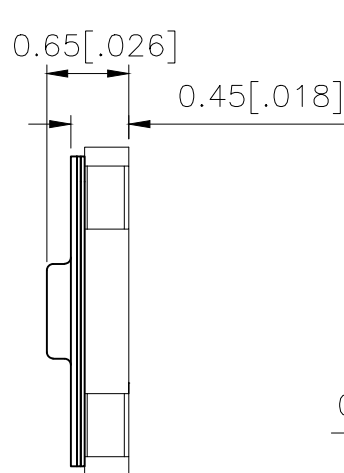
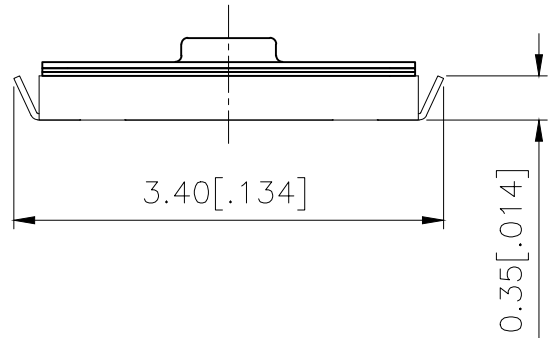
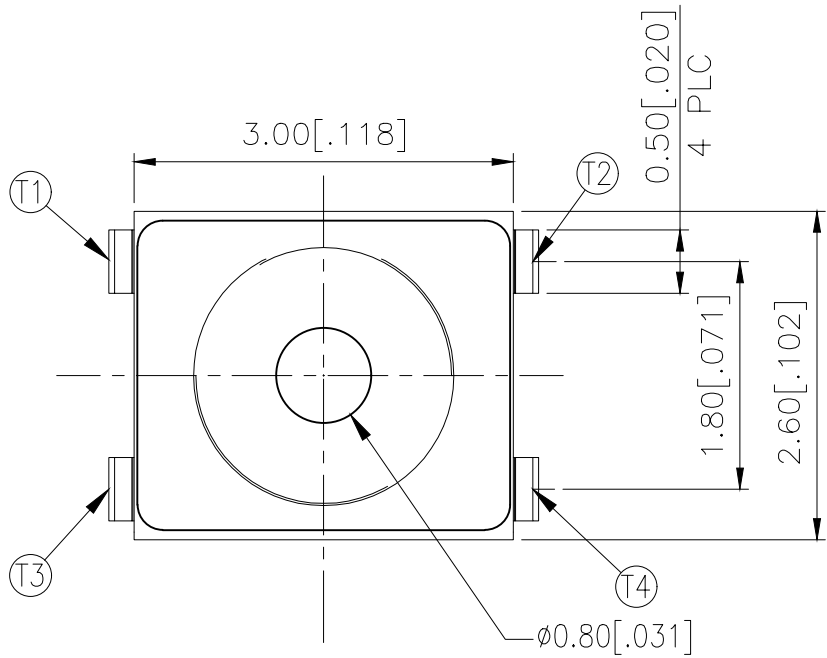
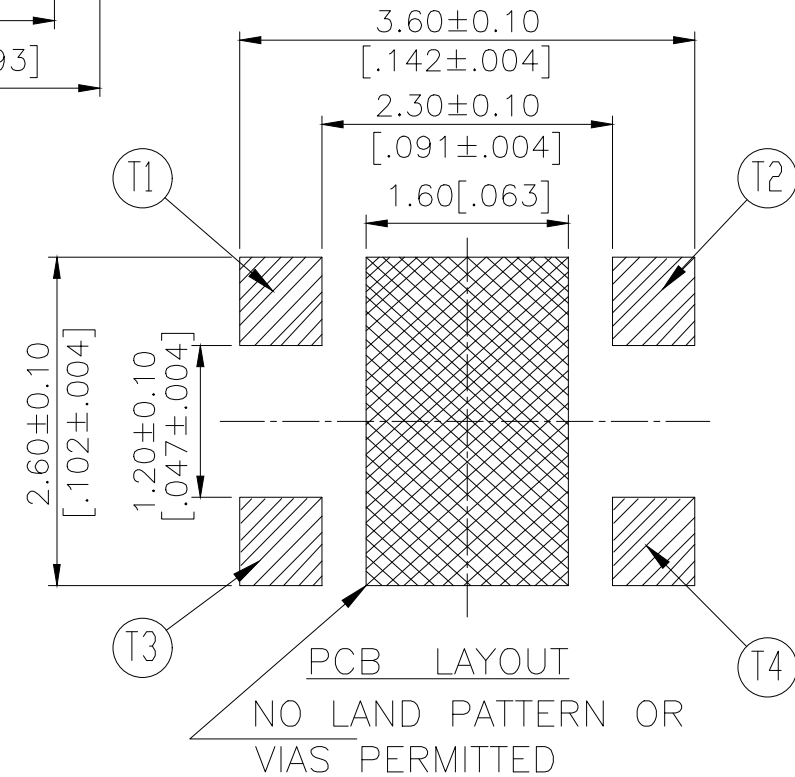


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | B   | REVISED PER ECR-19-004770 | 10APR2019 | SR  | DD   |



CIRCUIT DIAGRAM



|                      |                   |             |
|----------------------|-------------------|-------------|
| 160±50               | USLPT3026EL2TR    | 2337228-2   |
| 100±50               | USLPT3026EL1TR    | 2337228-1   |
| ACTUATION FORCE (gf) | SMART PART NUMBER | PART NUMBER |

|                                        |  |                                 |                                                                                                            |       |  |
|----------------------------------------|--|---------------------------------|------------------------------------------------------------------------------------------------------------|-------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN GANESH C M 04JUL2018        |  TE Connectivity Ltd. |       |  |
|                                        |  | CHK ALEXANDER SHARPE 04JUL2018  |                                                                                                            |       |  |
|                                        |  | APVD ALEXANDER SHARPE 04JUL2018 | NAME SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, 3.0 x 2.6 x 0.65, J BEND                                    |       |  |
|                                        |  | PRODUCT SPEC                    |                                                                                                            |       |  |
|                                        |  | APPLICATION SPEC                | SIZE A3 CAGE CODE 00779 C-2337228                                                                          |       |  |
|                                        |  | WEIGHT                          |                                                                                                            |       |  |
| CUSTOMER DRAWING                       |  | SCALE NTS                       | SHEET 1 of 3                                                                                               | REV B |  |

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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## REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | -   | SEE SHEET 1 | -    | -   | -    |

## NOTES:

## 1. MATERIALS:

TERMINAL: COPPER ALLOY, SILVER FINISH  
BASE: THERMOPLASTIC, UL 94V-0, BLACK  
TAPE: POLYIMIDE, CLEAR YELLOW  
CONTACT: STAINLESS STEEL, SILVER FINISH  
ACTUATOR: SILICONE RUBBER

## 2. COMPLIANCE:

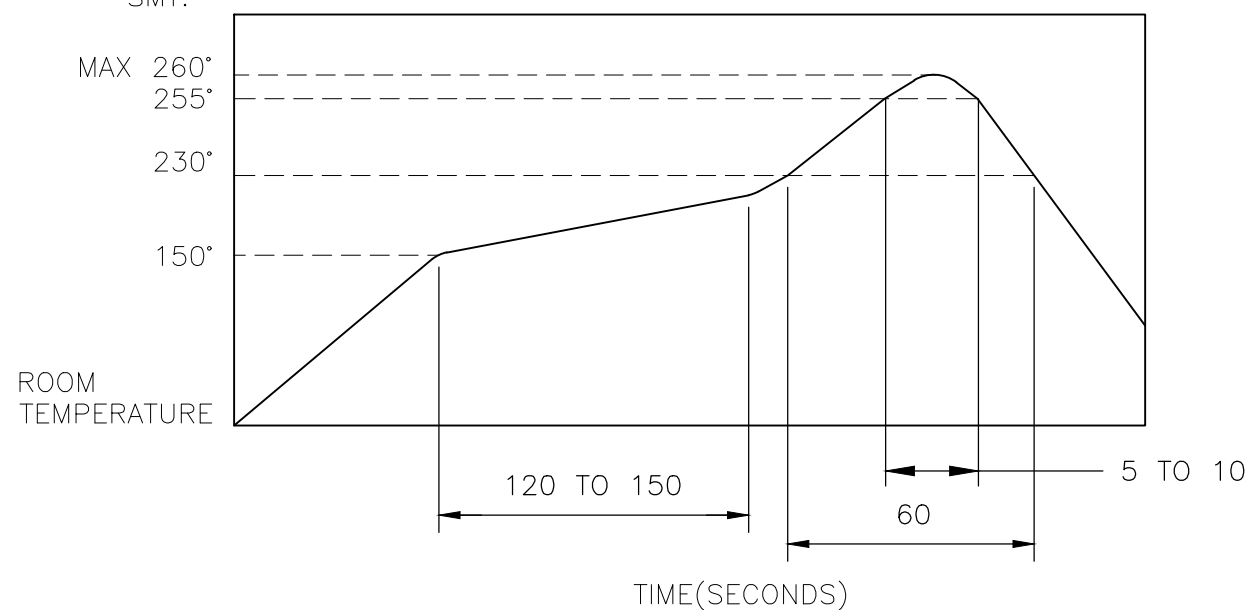
ALL MATERIALS AND FINISHES SHALL COMPLY WITH  
EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)

## 3. SPECIFICATIONS:

RATING: 50 mA, 12V DC  
CONTACT RESISTANCE: 500mΩ MAXIMUM (INITIAL)  
INSULATION RESISTANCE: 50MΩ MINIMUM (INITIAL)  
DIELECTRIC STRENGTH: 250V AC, 1 MINUTE  
OPERATING LIFE: 100,000 CYCLES WITH LOAD  
TRAVEL: 0.15±0.1 [.006±.004]  
ACTUATION FORCE: 2337228-1 = 100±50gf  
2337228-2 = 160±50gf  
OPERATING TEMPERATURE: -40° TO 85°C  
STORAGE TEMPERATURE: -20° TO 60°C (WITHIN TAPE PACKAGING)

4. SOLDER CONDITIONS :

SMT:



THE CONDITION NOTED ABOVE IS THE TEMPERATURE OF THE COPPER FOIL ON THE SURFACE OF THE PCB. THERE ARE CASES WHERE THE TEMPERATURE OF THE BOARD GREATLY DIFFERS FROM THE SURFACE OF THE SWITCH. DO NOT ALLOW THE SURFACE TEMPERATURE OF THE SWITCH TO EXCEED 260°C.

## MANUAL SOLDERING:

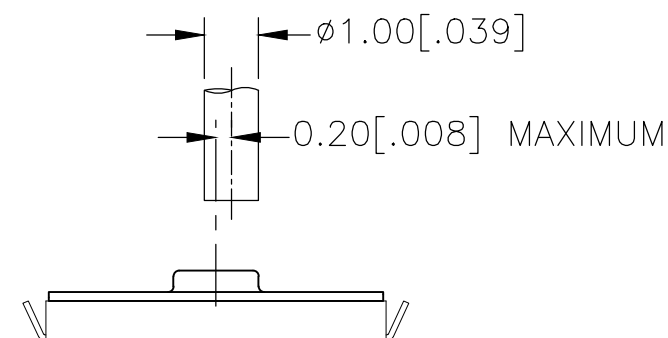
|                           |                   |
|---------------------------|-------------------|
| SOLDERING TEMPERATURE     | 350°C MAXIMUM     |
| CONTINUOUS SOLDERING TIME | 5 SECONDS MAXIMUM |

## HANDLING PRECAUTIONS:

1. CARE SHOULD BE EXERCISED SO THAT FLUX FROM THE TOP SURFACE OF THE PRINTED CIRCUIT BOARD DOES NOT ADHERE TO THE SWITCH.
2. DO NOT WASH THE SWITCH.

## 5. OPERATING PRECAUTIONS:

1. DO NOT ACTUATE THE SWITCH WITH EXCESSIVE FORCE
2. DISCONTINUE FORCE AFTER THE SWITCH HAS BEEN ACTUATED SO AS TO AVOID DEFORMATION OF THE COMPONENTS OF THE SWITCH. DEFORMATION OF THE COMPONENTS MAY CAUSE THE SWITCH TO MALFUNCTION.
3. ALIGN THE PLUNGER WITH THE SWITCH TO INSURE PROPER OPERATION



RECOMMENDED OPERATING CONDITIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.

| DIMENSIONS:<br>mm [INCHES] | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                            |
|----------------------------|--------------------------------------------------------------------------------------|
|                            | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.2 [.008]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - |
| MATERIAL                   | FINISH                                                                               |
| -                          | -                                                                                    |

|                  |                  |           |
|------------------|------------------|-----------|
| DWN              | GANESH C M       | 04JUL2018 |
| CHK              | ALEXANDER SHARPE | 04JUL2018 |
| APVD             | ALEXANDER SHARPE | 04JUL2018 |
| PRODUCT SPEC     | -                |           |
| APPLICATION SPEC | -                |           |
| WEIGHT           | -                |           |
| CUSTOMER DRAWING |                  |           |



TE Connectivity Ltd.

NAME  
SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI,  
3.0 x 2.6 x 0.65, J BEND

| SIZE  | CAGE CODE | DRAWING NO | RESTRICTED TO |
|-------|-----------|------------|---------------|
| A3    | 00779     | C-2337228  | -             |
| SCALE |           | SHEET      | REV           |
| NTS   |           | 2 OF 3     | B             |

