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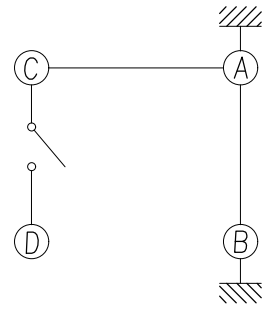
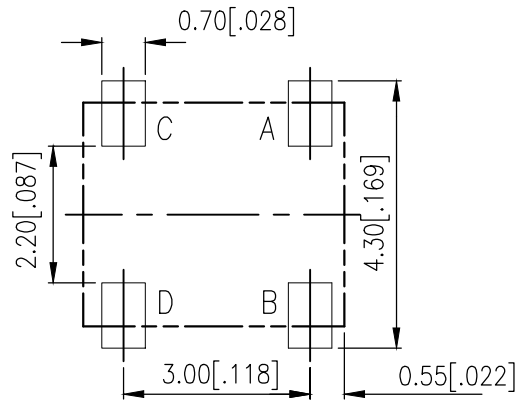
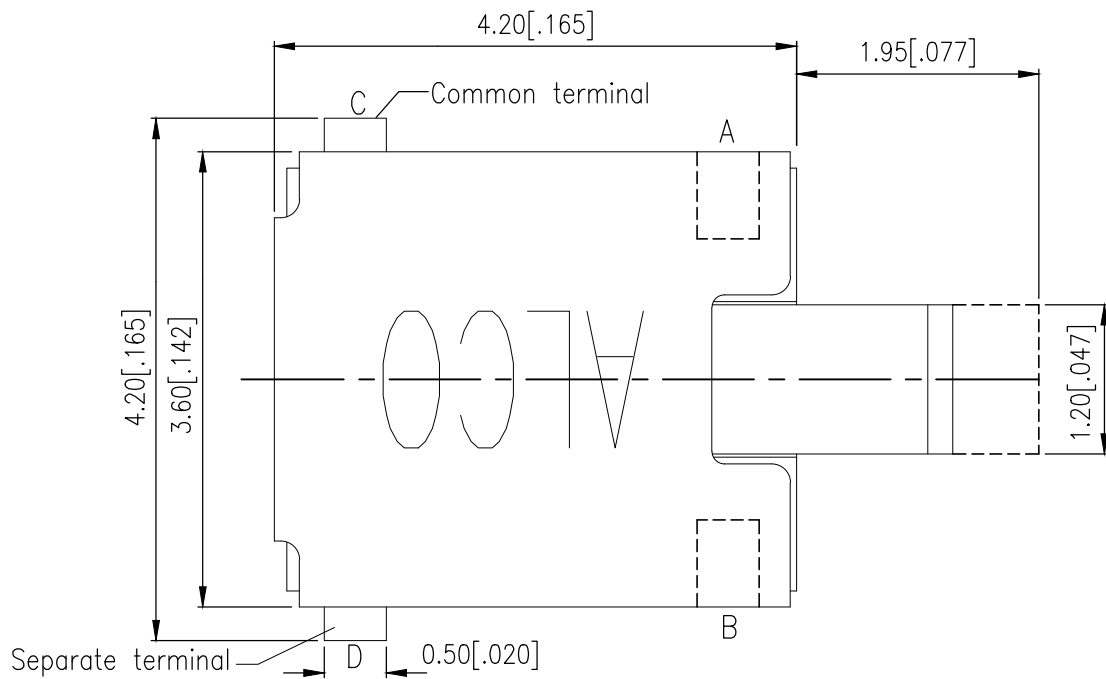
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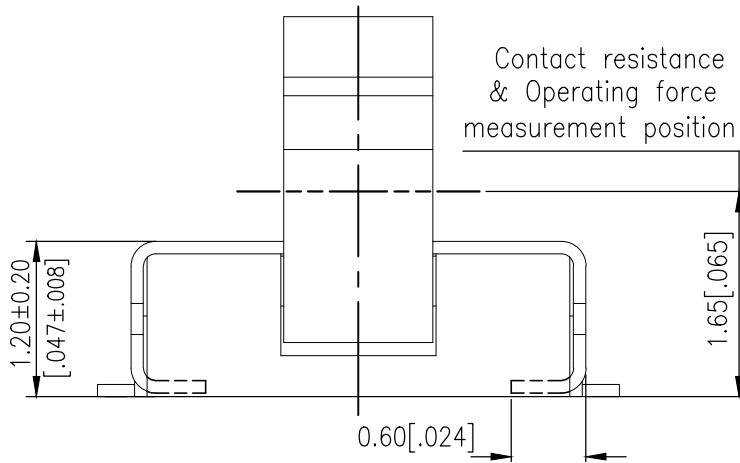
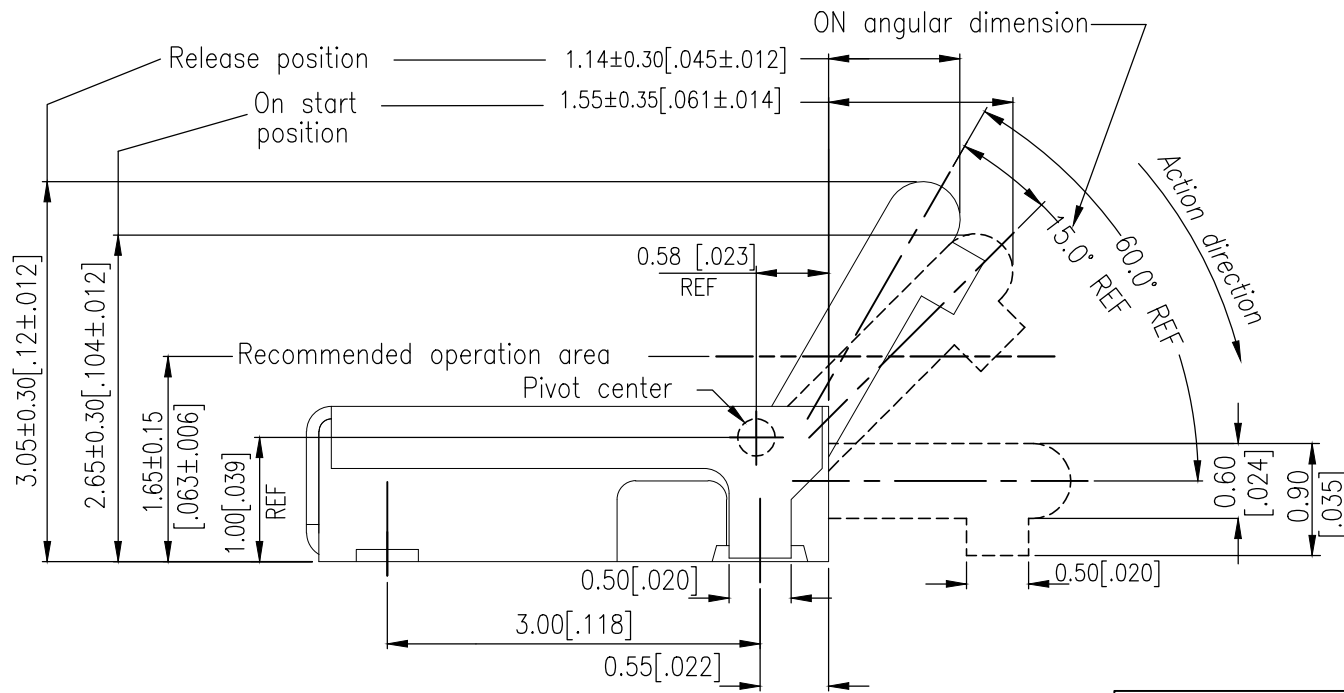
REVISIONS

| P | LTR | DESCRIPTION | DATE      | DWN | APVD |
|---|-----|-------------|-----------|-----|------|
|   | 1   | NEW DRAWING | 07MAR2018 | GCM | AS   |

2331414-1  
AS SHOWN



CIRCUIT DIAGRAM



Contact resistance  
& Operating force  
measurement position

PRELIMINARY

|                                        |  |                                                                                       |                                                                                              |  |  |
|----------------------------------------|--|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>GANESH C M<br>07MAR2018                                                        | <b>PRELIMINARY</b><br>TE Connectivity Ltd.                                                   |  |  |
|                                        |  | CHK<br>ALEXANDER SHARPE<br>07MAR2018                                                  |                                                                                              |  |  |
|                                        |  | APVD<br>ALEXANDER SHARPE<br>07MAR2018                                                 |                                                                                              |  |  |
|                                        |  | PRODUCT SPEC                                                                          |                                                                                              |  |  |
| DIMENSIONS:<br>mm [INCHES]             |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                             | NAME<br>SWITCH, DETECTOR, JJD SERIES, 4.2X3.6mm<br>VER ACTUATION, DOWN, SMT<br>FLAT TERMINAL |  |  |
|                                        |  | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.20 [.008]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - | APPLICATION SPEC                                                                             |  |  |
| MATERIAL                               |  | FINISH                                                                                | WEIGHT                                                                                       |  |  |
|                                        |  |                                                                                       | SIZE<br>A3                                                                                   |  |  |
|                                        |  |                                                                                       | CAGE CODE<br>00779                                                                           |  |  |
|                                        |  |                                                                                       | DRAWING NO<br>2331414                                                                        |  |  |
|                                        |  |                                                                                       | RESTRICTED TO                                                                                |  |  |
|                                        |  |                                                                                       | SCALE<br>NTS                                                                                 |  |  |
|                                        |  |                                                                                       | SHEET<br>1 of 3                                                                              |  |  |
|                                        |  |                                                                                       | REV<br>1                                                                                     |  |  |

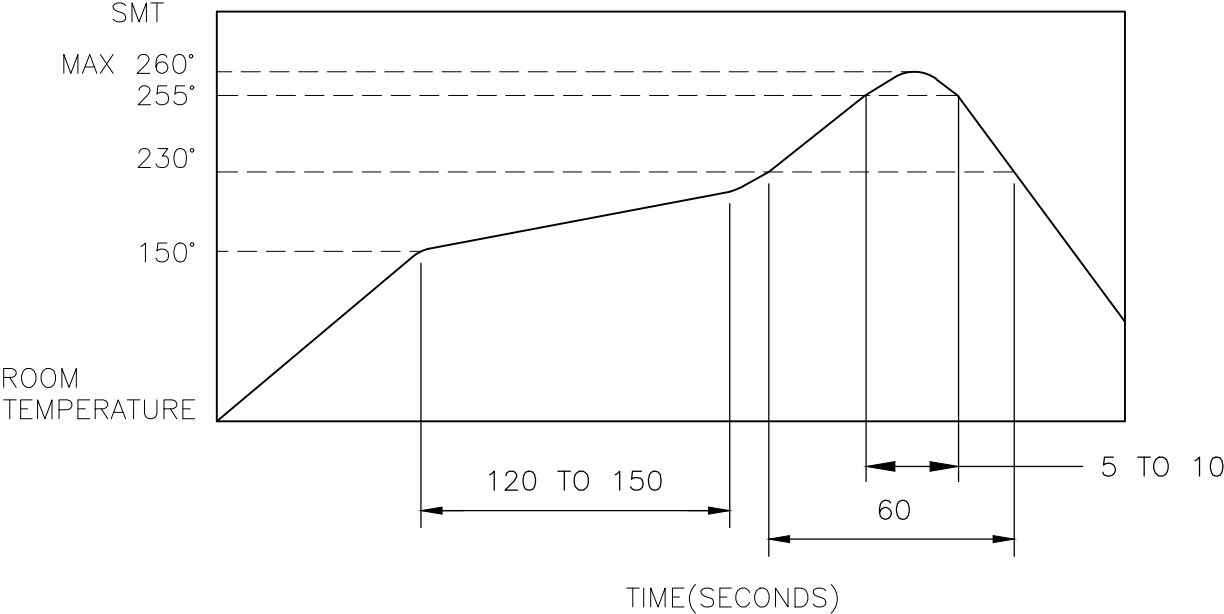
|                                    |                          |
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| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   |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

NOTES:

1. MATERIALS  
ACTUATOR: THERMOPLASTIC, UL 94V-0, BLACK  
BODY: THERMOPLASTIC, UL 94V-0, BLACK  
COVER: NICKEL SILVER  
TERMINAL: COPPER ALLOY, SILVER PLATE  
CONTACT: COPPER ALLOY, GOLD PLATE  
SILICONE: SILICONE, BLACK  
STEM: THERMOPLASTIC, UL 94V-0, BLACK
2. COMPLIANCE:  
ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU  
DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)
3. SPECIFICATIONS:  
RATING: DC 3V, 50mA TO DC 5V, 10mA  
CONTACT RESISTANCE: 1Ω MAXIMUM(INITIAL)  
INSULATION RESISTANCE: 100MΩ MINIMUM AT 100 V DC  
DIELECTRIC STRENGTH: 100 V AC, 1 MINUTE  
OPERATING LIFE: 50,000 CYCLES WITH LOAD  
TOTAL TRAVEL: 60°  
ACTUATION FORCE: 40gf MAXIMUM  
OPERATING TEMPERATURE: -10°C TO 60° C  
STORAGE TEMPERATURE: -20°C TO 70° C

4. SOLDER CONDITIONS:



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

MANUAL SOLDERING

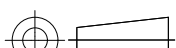
|                           |                 |
|---------------------------|-----------------|
| SOLDERING TEMPERATURE     | MAX.350°C.      |
| CONTINUOUS SOLDERING TIME | MAX. 5 SECONDS. |

PRECAUTIONS IN HANDLING

1. CARE SHOULD BE EXERCISED SO THAT FLUX FROM THE UPPER PART OF THE PRINTED CIRCUIT BOARD DOES NOT ADHERE TO THE SWITCH.

|                    |             |
|--------------------|-------------|
| JJDVDUG305NONMRQTR | 2331414-1   |
| SMART PART NUMBER  | PART NUMBER |

PRELIMINARY

|                                                                                       |                                           |                                       |                                                                                                            |                 |          |  |            |                    |                         |                    |
|---------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------|----------|--|------------|--------------------|-------------------------|--------------------|
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| DIMENSIONS:<br>mm [INCHES]                                                            | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | CHK<br>ALEXANDER SHARPE<br>07MAR2018  | NAME<br><br>SWITCH, DETECTOR, JJD SERIES, 4.2X3.6mm<br>VER ACTUATION, DOWN, SMT<br>FLAT TERMINAL           |                 |          |  |            |                    |                         |                    |
|                                                                                       |                                           | APVD<br>ALEXANDER SHARPE<br>07MAR2018 |                                                                                                            |                 |          |  |            |                    |                         |                    |
|  | 0 PLC ± -                                 | PRODUCT SPEC                          |                                                                                                            |                 |          |  | SIZE<br>A3 | CAGE CODE<br>00779 | DRAWING NO<br>C-2331414 | RESTRICTED TO<br>— |
|                                                                                       | 1 PLC ± -                                 | —                                     |                                                                                                            |                 |          |  |            |                    |                         |                    |
|                                                                                       | 2 PLC ± 0.20 [.008]                       | APPLICATION SPEC                      |                                                                                                            |                 |          |  |            |                    |                         |                    |
| MATERIAL<br>—                                                                         | FINISH<br>—                               | 3 PLC ± -                             | CUSTOMER DRAWING                                                                                           |                 |          |  |            |                    |                         |                    |
|                                                                                       |                                           | 4 PLC ± -                             |                                                                                                            |                 |          |  | —          |                    |                         |                    |
|                                                                                       |                                           | ANGLES ± -                            |                                                                                                            |                 |          |  | WEIGHT     |                    |                         |                    |
|                                                                                       |                                           |                                       | SCALE<br>NTS                                                                                               | SHEET<br>2 OF 3 | REV<br>1 |  |            |                    |                         |                    |

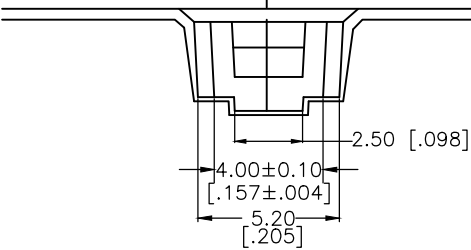
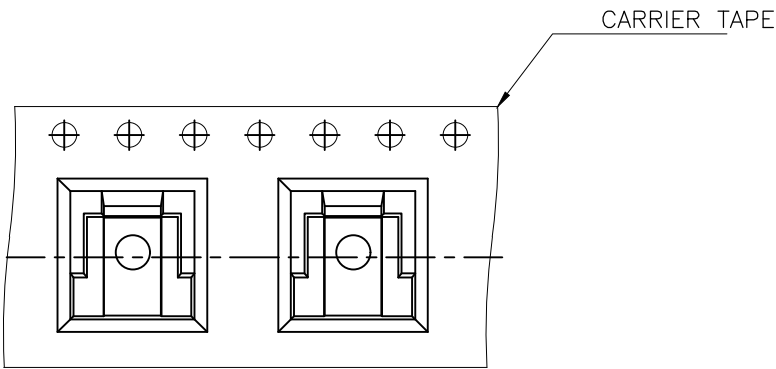
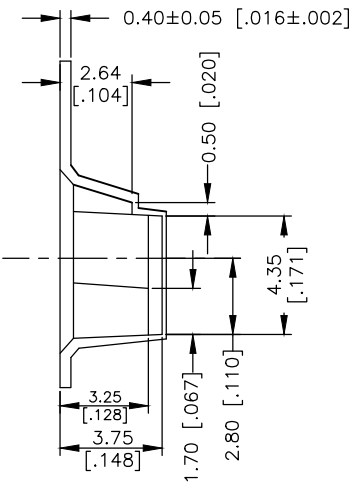
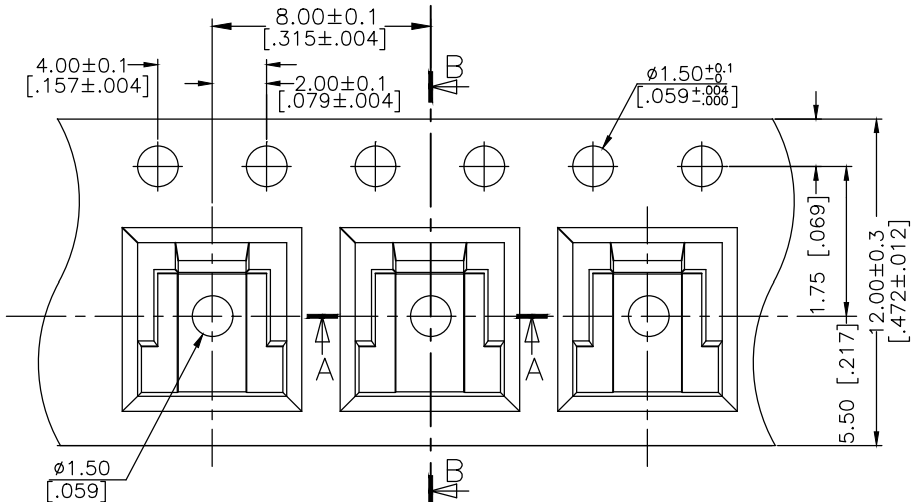
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | —   | SEE SHEET 1 | —    | —   | —    |

PACKAGING:

2000 SWITCHES PER REEL

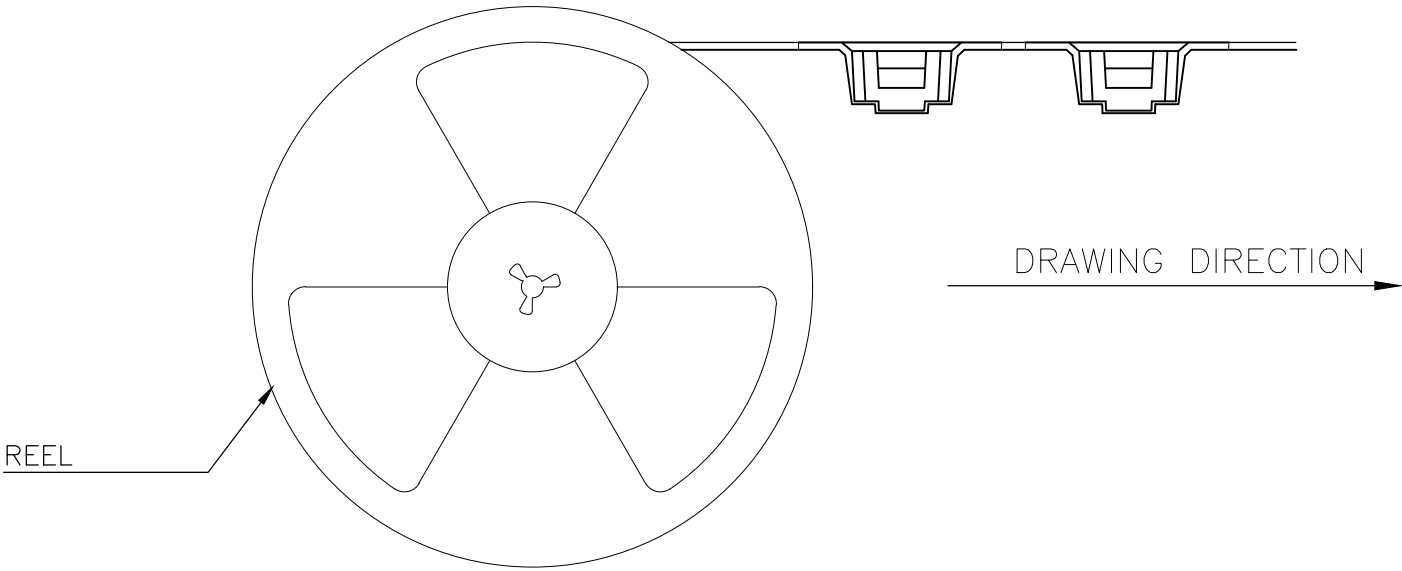
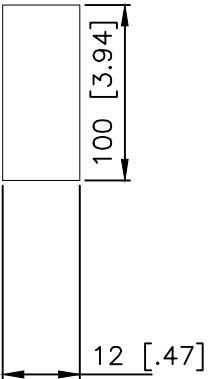
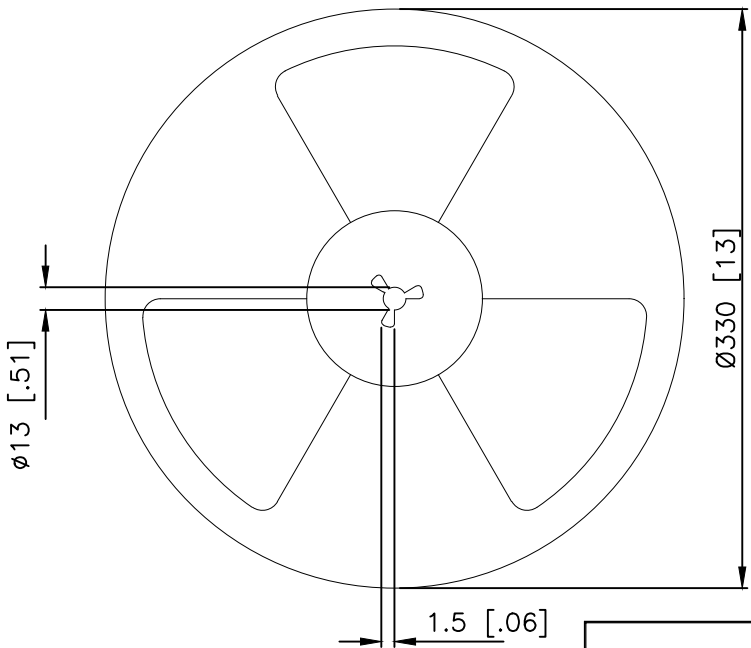
THE DIMENSION OF CARRIER TAPE, COVER TAPE AND REEL

THE DIRECTION OF PILOT HOLES

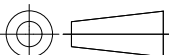


SectionA—A

SectionB—B



PRELIMINARY

|                                                                                       |  |                                                                                       |  |                                                                                                                      |           |              |                 |          |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|-----------|--------------|-----------------|----------|
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|                                                                                       |  | CHK<br>ALEXANDER SHARPE<br>07MAR2018                                                  |  |                                                                                                                      |           |              |                 |          |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                             |  | NAME<br><br>SWITCH, DETECTOR, JJD SERIES, 4.2X3.6mm<br>VER ACTUATION, DOWN, SMT<br>FLAT TERMINAL                     |           |              |                 |          |
|  |  | 0 PLC ± –<br>1 PLC ± –<br>2 PLC ± 0.20 [.008]<br>3 PLC ± –<br>4 PLC ± –<br>ANGLES ± – |  |                                                                                                                      |           |              |                 |          |
| MATERIAL<br>–                                                                         |  | FINISH<br>–                                                                           |  | SIZE                                                                                                                 | CAGE CODE | DRAWING NO   | RESTRICTED TO   |          |
|                                                                                       |  |                                                                                       |  | A3                                                                                                                   | 00779     | C-2331414    | –               |          |
| CUSTOMER DRAWING                                                                      |  |                                                                                       |  |                                                                                                                      |           | SCALE<br>NTS | SHEET<br>3 OF 3 | REV<br>1 |