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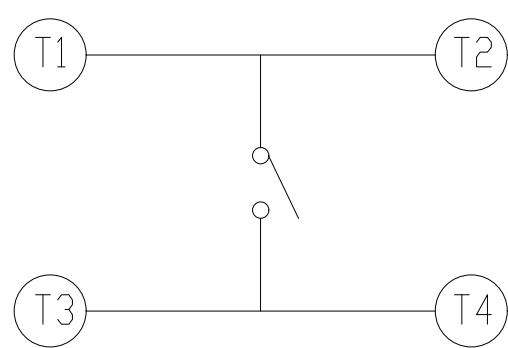
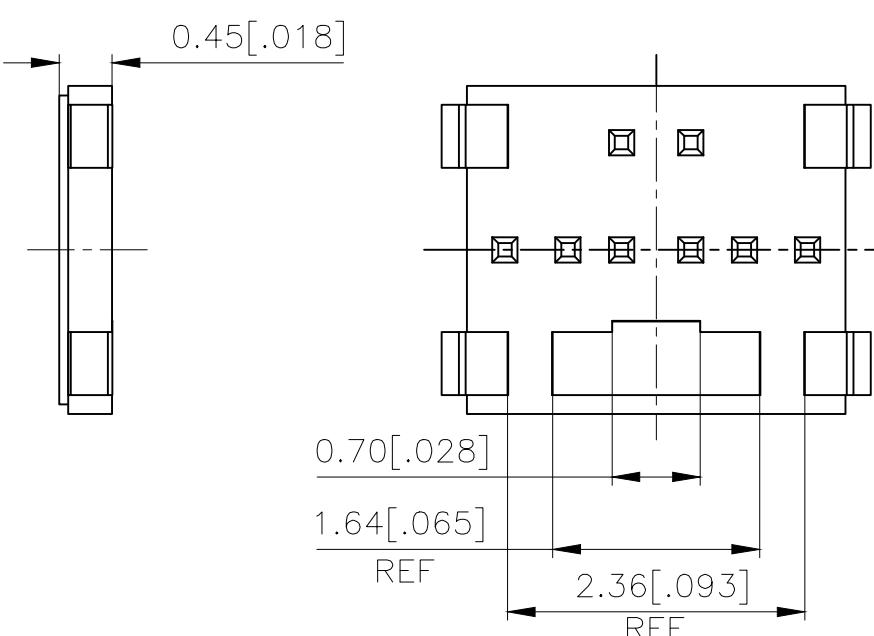
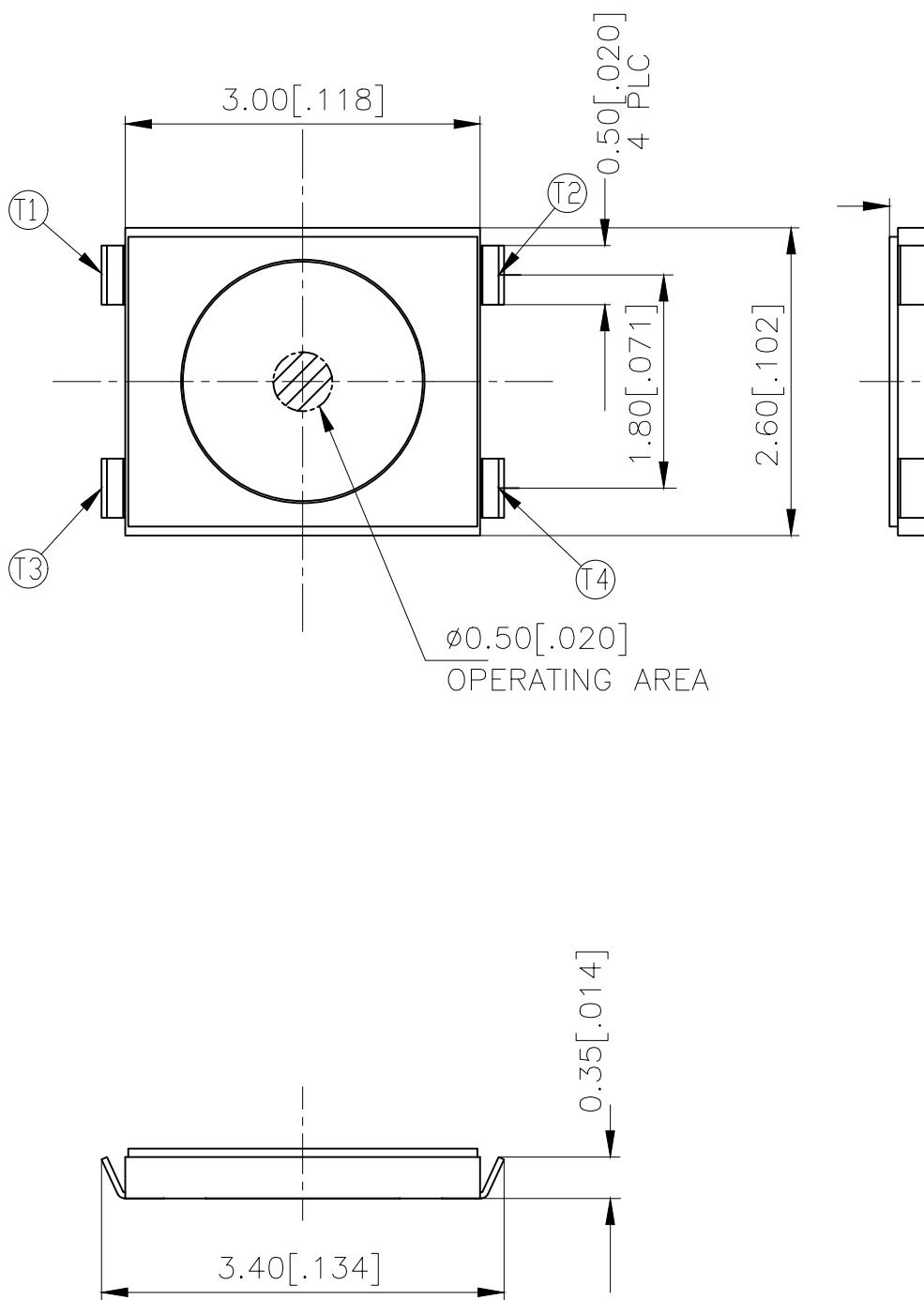
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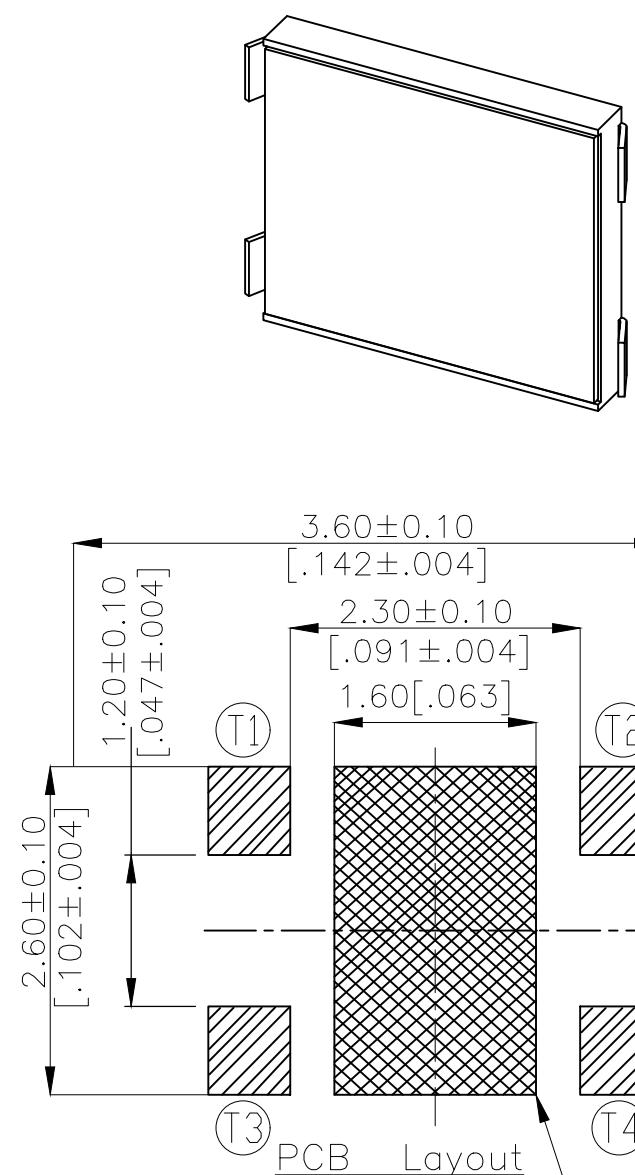
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REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|-----------|-----|------|
| 1 | | NEW DRAWING | 04JUL2018 | GCM | AS |



CIRCUIT DIAGRAM



| | | |
|----------------------|-------------------|-------------|
| 160±50 | USLPT3026BL2TR | 2337227-2 |
| 100±50 | USLPT3026BL1TR | 2337227-1 |
| ACTUATION FORCE (gf) | SMART PART NUMBER | PART NUMBER |

| | | | | | |
|--|-----------|--|-----------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 04JUL2018 GANESH C M | 04JUL2018 CHK ALEXANDER SHARPE | NAME SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, 3.0 x 2.6 x 0.45, J BEND — | |
| DIMENSIONS: mm [INCHES] | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | | |
| 0 PLC ± - 1 PLC ± - 2 PLC ± 0.2 [0.008] 3 PLC ± - 4 PLC ANGLES ± - | | PRODUCT SPEC — APPLICATION SPEC — | | | |
| MATERIAL — | | FINISH — | | | |
| SIZE | CAGE CODE | DRAWING NO | | RESTRICTED TO | |
| A3 | 00779 | C-2337227 | | — | |
| CUSTOMER DRAWING | | SCALE | NTS | SHEET 1 OF 3 REV 1 | |

PRELIMINARY

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NOTES:

1. MATERIALS:

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

2. COMPLIANCE:

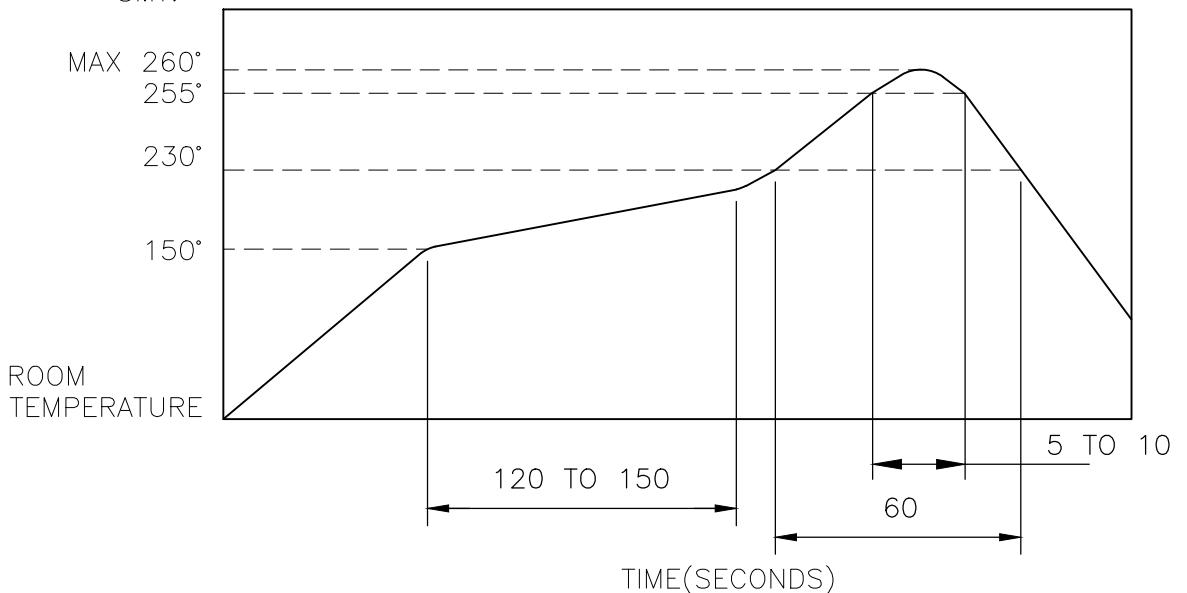
ALL MATERIALS AND FINISHES SHALL COMPLY WITH
 EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)

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 [$.006 \pm .004$]
 ACTUATION FORCE: 2337227-1 = 100 ± 50 gf
 2337227-2 = 160 ± 50 gf
 OPERATING TEMPERATURE: -40° TO 85° C
 STORAGE TEMPERATURE: -20° TO 60° C (WITHIN TAPE PACKAGE)

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.

REVISIONS

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

MANUAL SOLDERING:

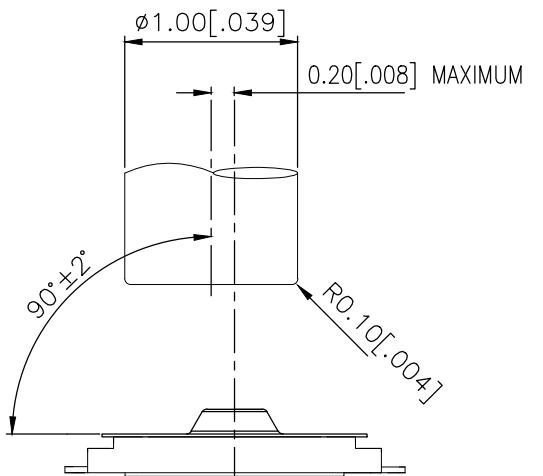
| | |
|---------------------------|-------------------|
| SOLDERING TEMPERATURE | 350°C MAXIMUM |
| CONTINUOUS SOLDERING TIME | 5 SECONDS MAXIMUM |

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

6. STORAGE CONDITIONS:

AVOID THE FOLLOWING AS EXPOSURE MAY AFFECT THE PERFORMANCE AND/OR THE SOLDERABILITY OF THE SWITCH:

1. TEMPERATURE OF -10° TO 40° C AND 85% HUMIDITY
2. EXPOSURE TO CORROSIVE GAS
3. STORAGE OVER 6 MONTHS
4. EXPOSURE TO DIRECT SUNLIGHT

STORAGE CONDITIONS SHOULD PREVENT HEAVY IMPACT OR LOADING

AFTER OPENING THE PACKAGE, UNUSED SWITCHES MUST BE REPACKAGED IN A MOISTURE-PROOF AND AIRTIGHT ENVIRONMENT.

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| | | |
|---|---|--|
| DWN GANESH C M | 04JUL2018 | NAME SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, 3.0 x 2.6 x 0.45, J BEND — |
| CHK ALEXANDER SHARPE | 04JUL2018 | |
| APVD ALEXANDER SHARPE | 04JUL2018 | |
| PRODUCT SPEC | — | |
| MATERIAL — | FINISH — | SIZE A3 CAGE CODE 00779 DRAWING NO C-2337227 CUSTOMER DRAWING |
| 0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES | $\pm -$ $\pm -$ ± 0.2 [.008] $\pm -$ $\pm -$ $\pm -$ | RESTRICTED TO — |
| WEIGHT — | SCALE NTS | — |
| CUSTOMER DRAWING | 2 OF 3 | REV 1 |

PRELIMINARY

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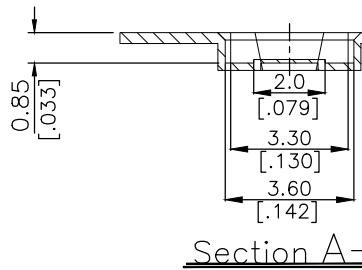
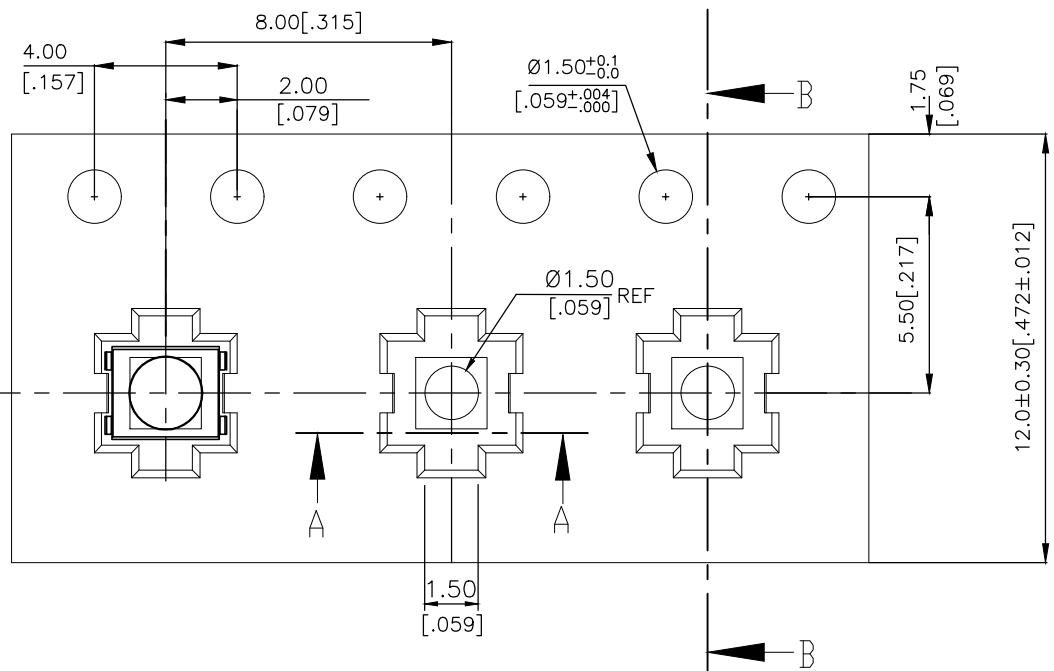
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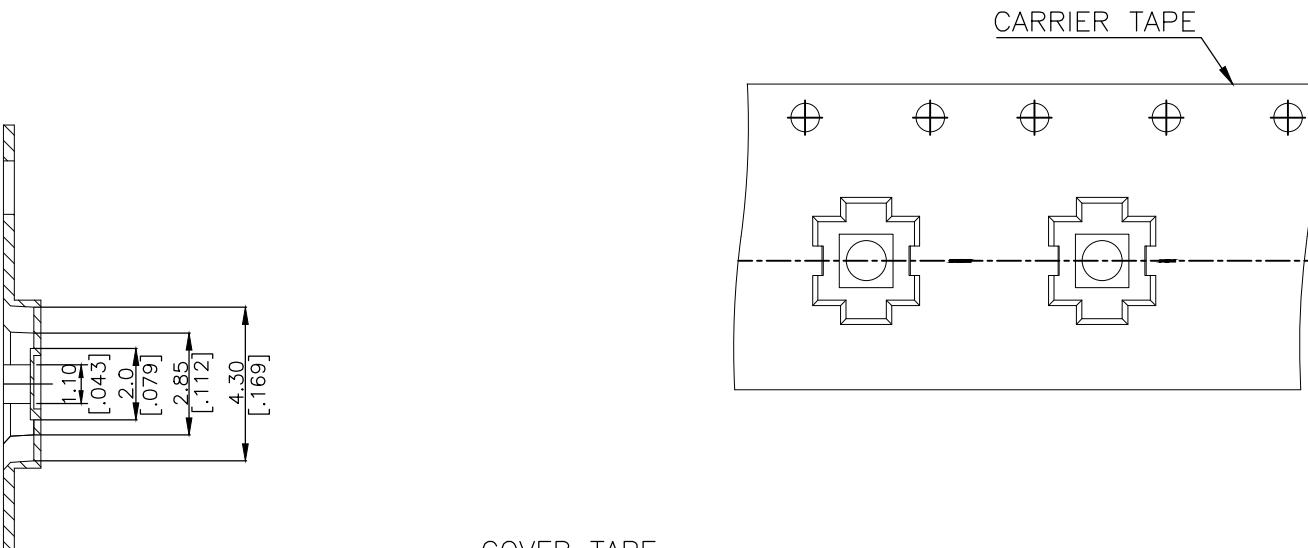
PACKAGING:
2,500 SWITCHES PER REEL

THE DIMENSIONS OF CARRIER TAPE AND REEL

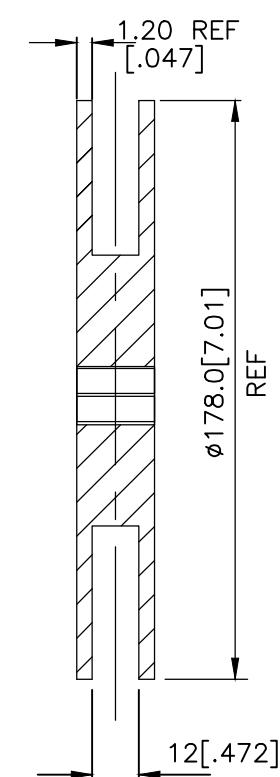
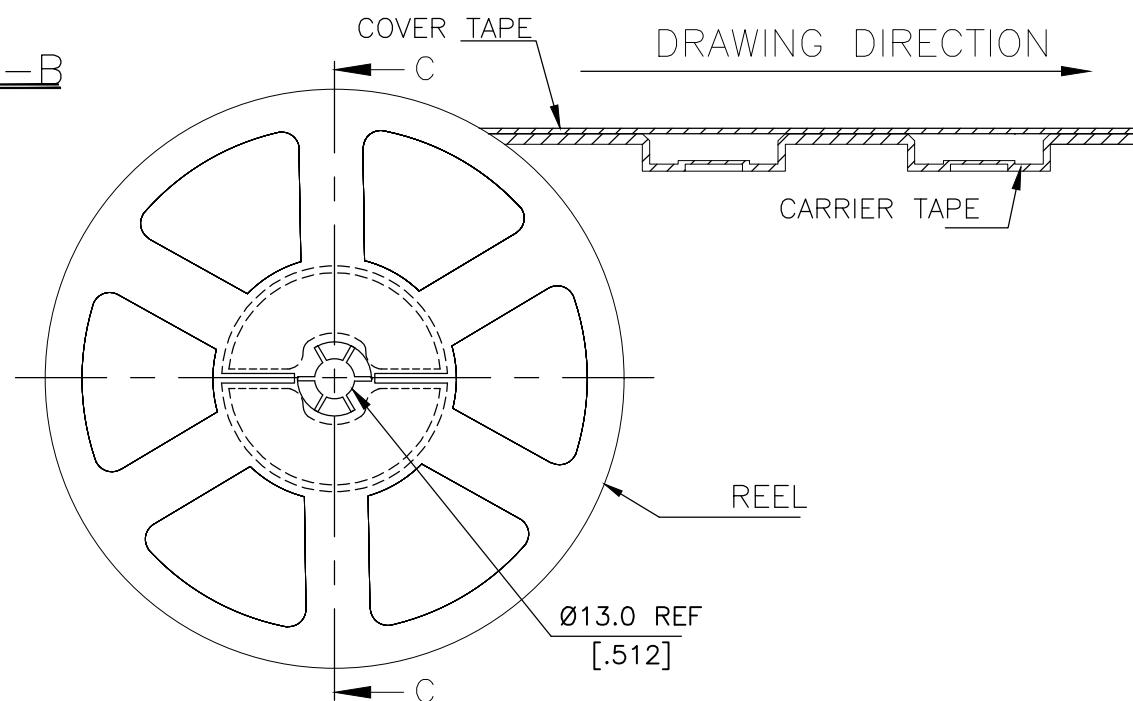


Section A-A

ORIENTATION OF PILOT HOLES



Section B-B



Section C-C

PRELIMINARY

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DIMENSIONS:
mm [INCHES]

| | | |
|---|---------------|---------------|
| 0 | PLC | ± - |
| 1 | PLC | ± - |
| 2 | PLC | ± 0.2 [0.008] |
| 3 | PLC | ± - |
| 4 | PLC ANGLES | ± - |

MATERIAL

FINISH

WEIGHT

CUSTOMER DRAWING

DWN

GANESH C M

CHK

ALEXANDER SHARPE

APVD

ALEXANDER SHARPE

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

CUSTOMER DRAWING

04JUL2018

04JUL20