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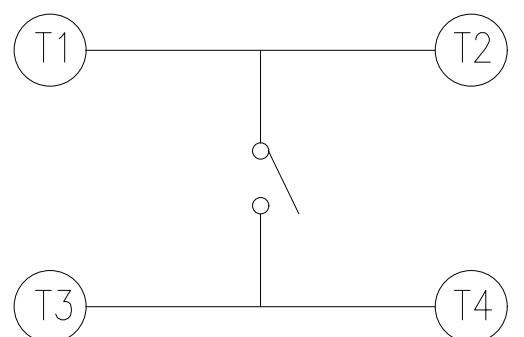
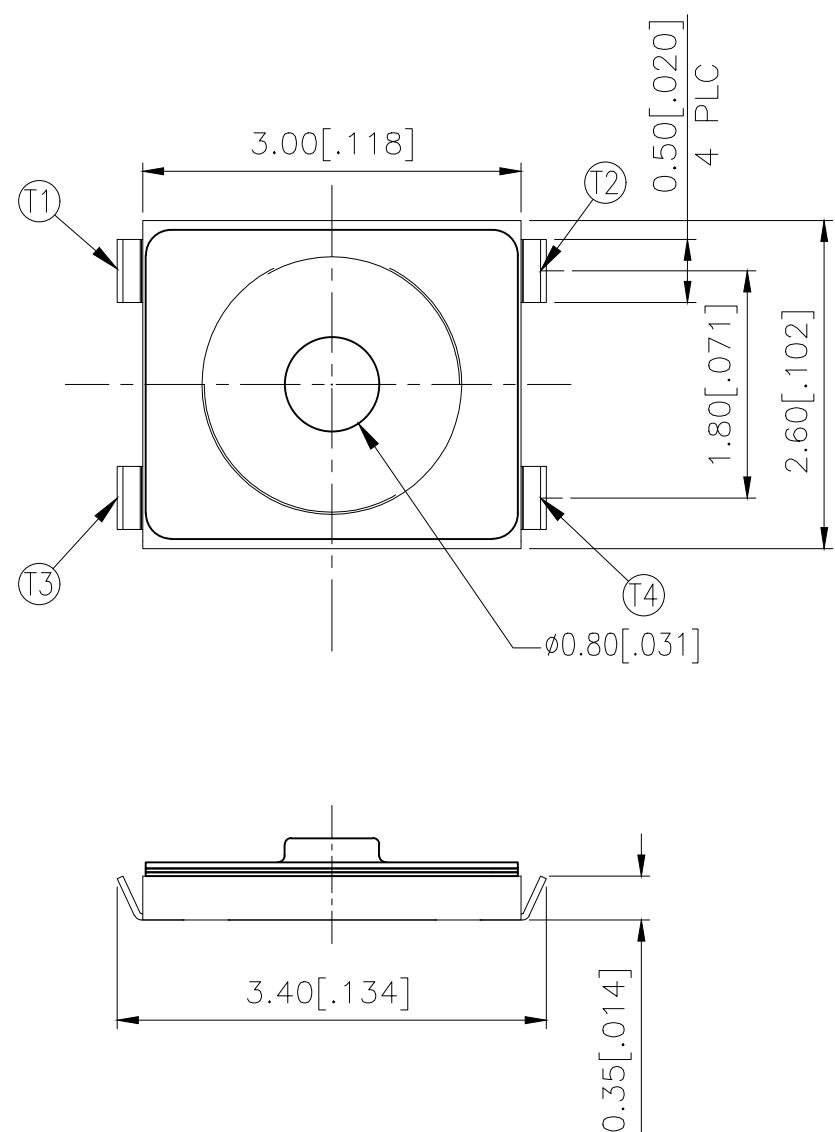
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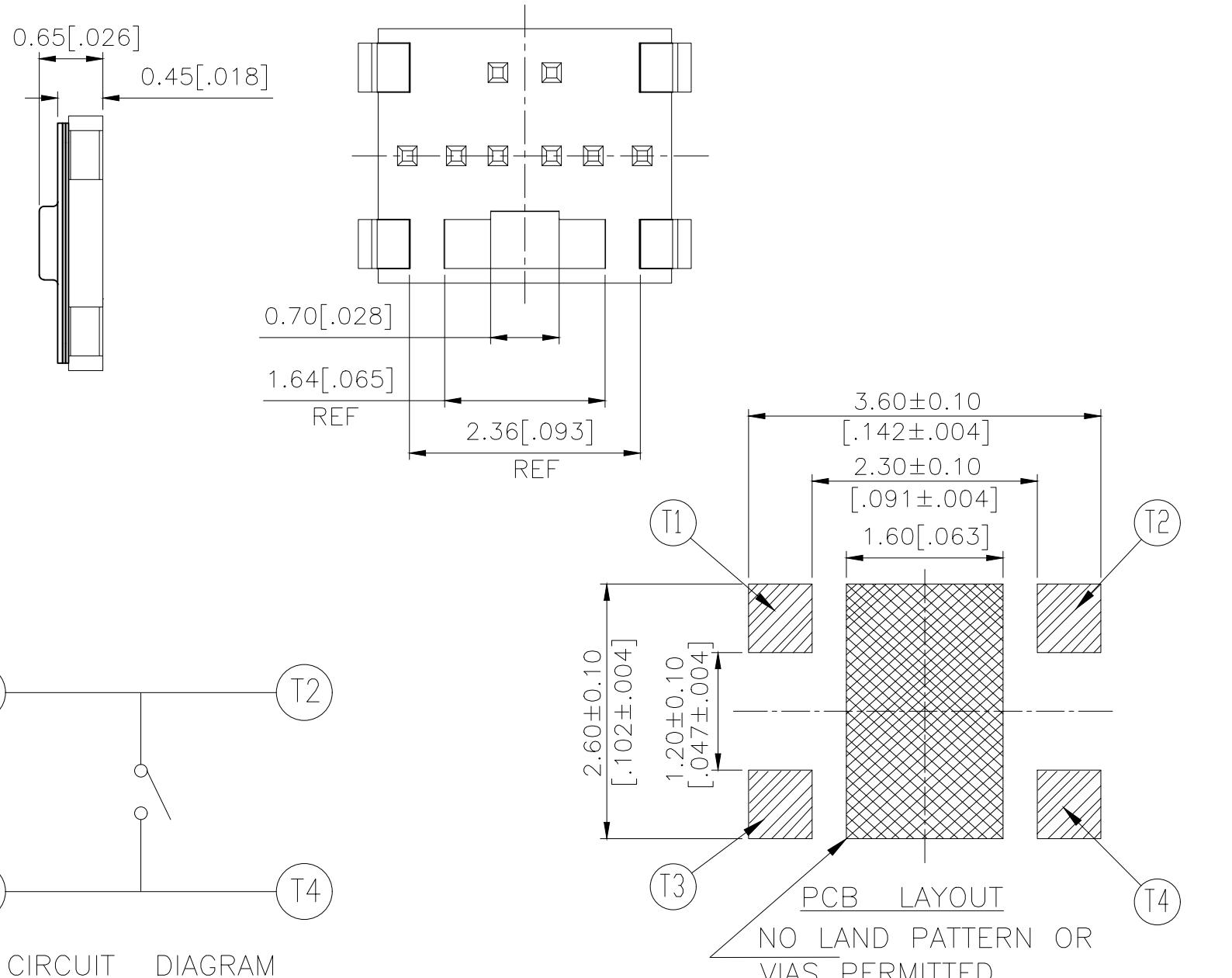
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REVISIONS

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



CIRCUIT DIAGRAM



160 ± 50	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	04JUL2018
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK ALEXANDER SHARPE 04JUL2018	APVD ALEXANDER SHARPE 04JUL2018
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES	± - ± - ± 0.2 [.008] ± - ± - ± -	PRODUCT SPEC — APPLICATION SPEC —	PRODUCT SPEC — APPLICATION SPEC —
MATERIAL	FINISH	WEIGHT	
		CUSTOMER DRAWING	
A3	00779	C-2337228	RESTRICTED TO —
SCALE NTS	SHEET 1 OF 3	REV 1	

PRELIMINARY

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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:

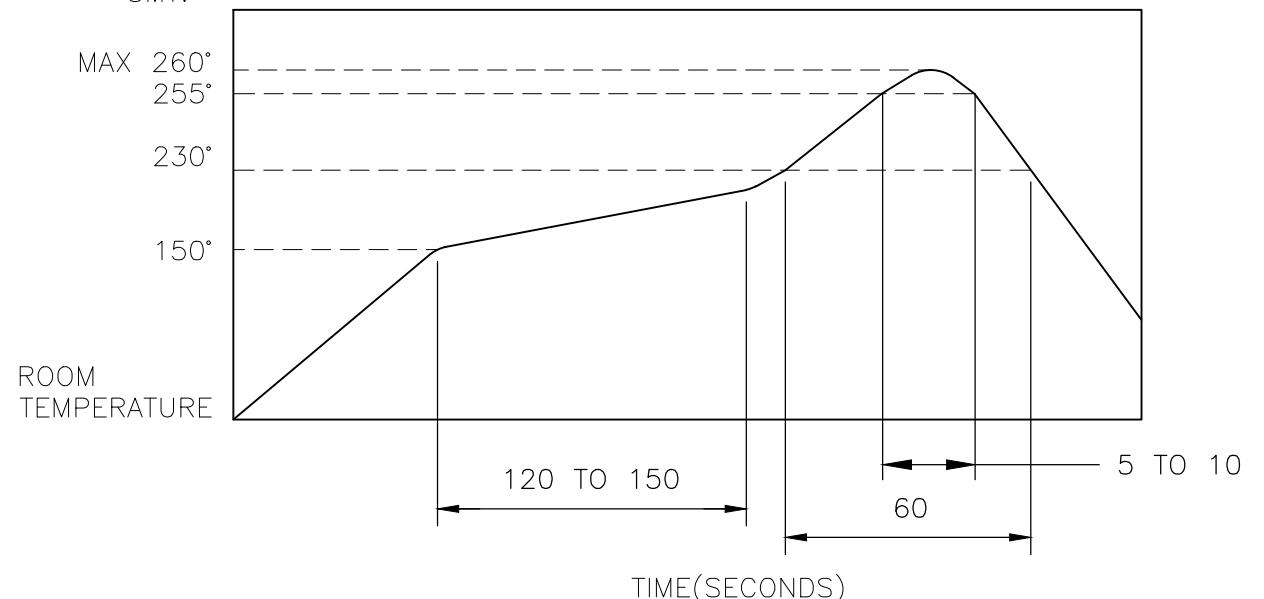
ALL MATERIALS AND FINISHES SHALL COMPLY WITH
 EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)

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 ± 50 gf
 2337228-2 = 160 ± 50 gf
 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:

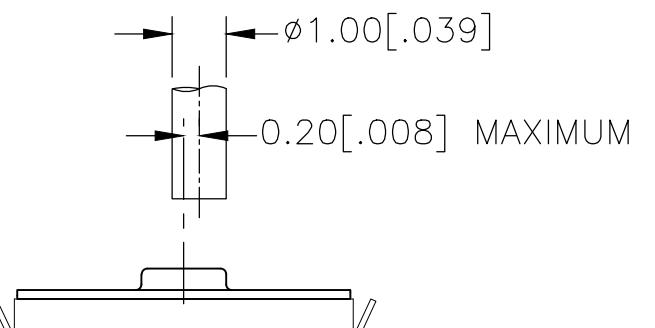
SOLDERING TEMPERATURE	350°C MAXIMUM
CONTINUOUS SOLDERING TIME	5 SECONDS MAXIMUM

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

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
CHK ALEXANDER SHARPE	04JUL2018
APVD ALEXANDER SHARPE	04JUL2018
PRODUCT SPEC	—
APPLICATION SPEC	—

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	—
CUSTOMER DRAWING	SCALE	NTS	SHEET
	2 OF 3	REV 1	

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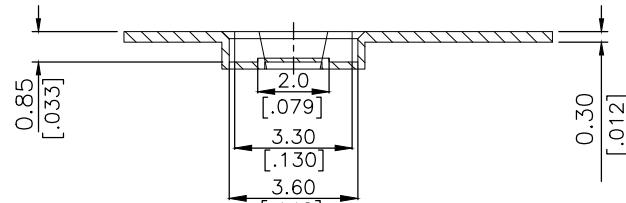
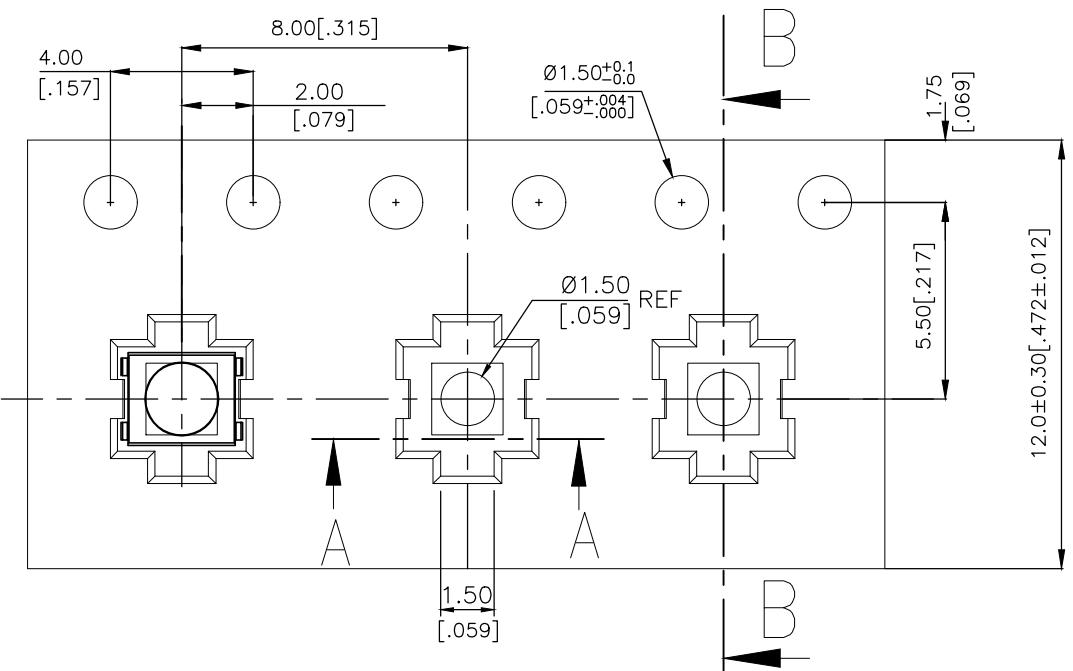
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PACKAGING:

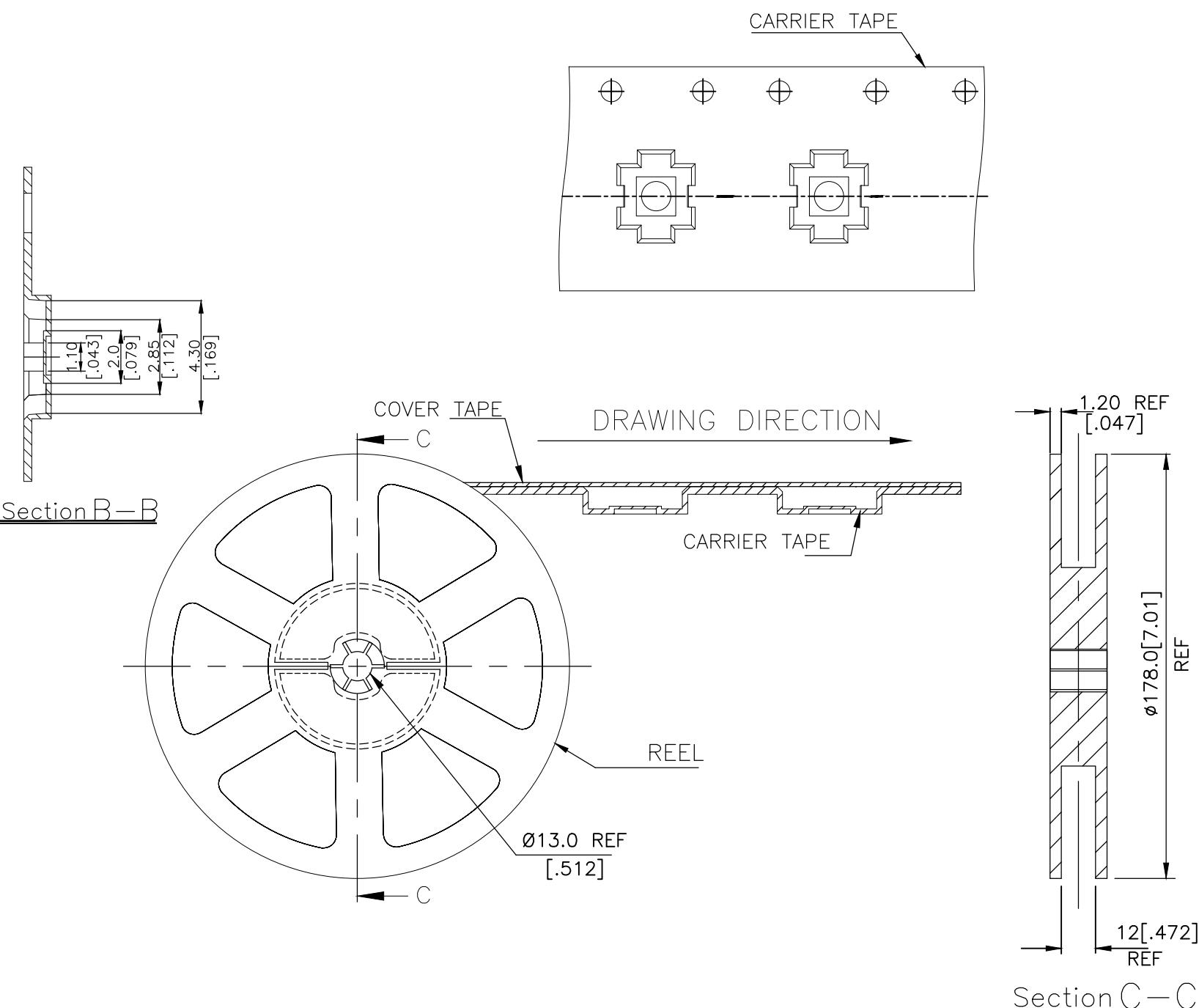
2,500 SWITCHES PER REEL

THE DIMENSIONS OF CARRIER TAPE AND REEL



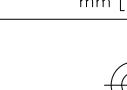
Section A-A

ORIENTATION OF PILOT HOLES



PRELIMINARY

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DIMENSIONS:
mm [INCHES]

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.2 [0.008]
3 PLC ± -
4 PLC ± -
ANGLES ± -

FINISH

DWN 04JUL2018
GANESH C MCHK 04JUL2018
ALEXANDER SHARPEAPVD 04JUL2018
ALEXANDER SHARPE

PRODUCT SPEC

—

APPLICATION SPEC

—

CUSTOMER DRAWING
SCALE NTS
SHEET 3 OF 3
REV 1

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—