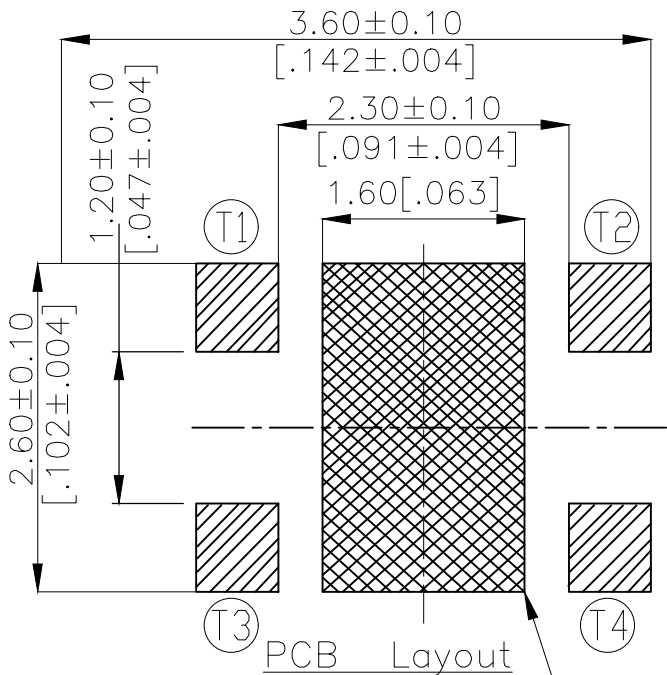
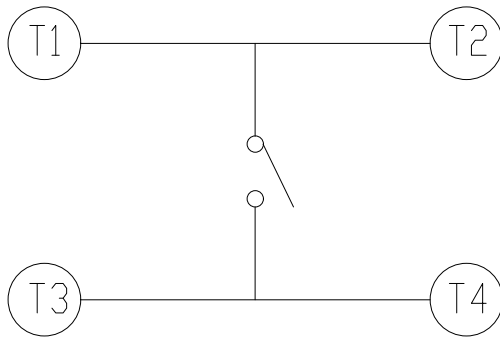
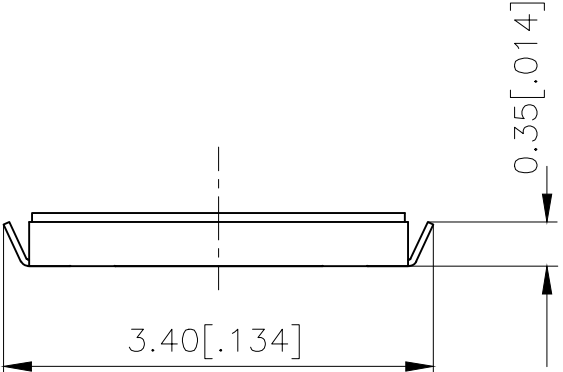
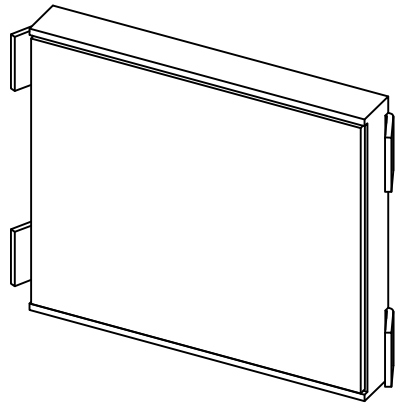
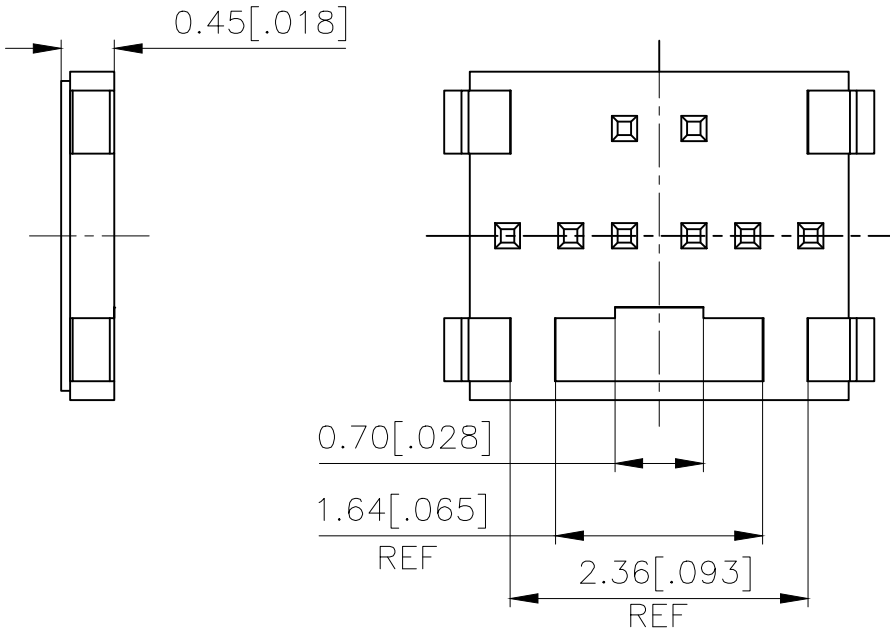
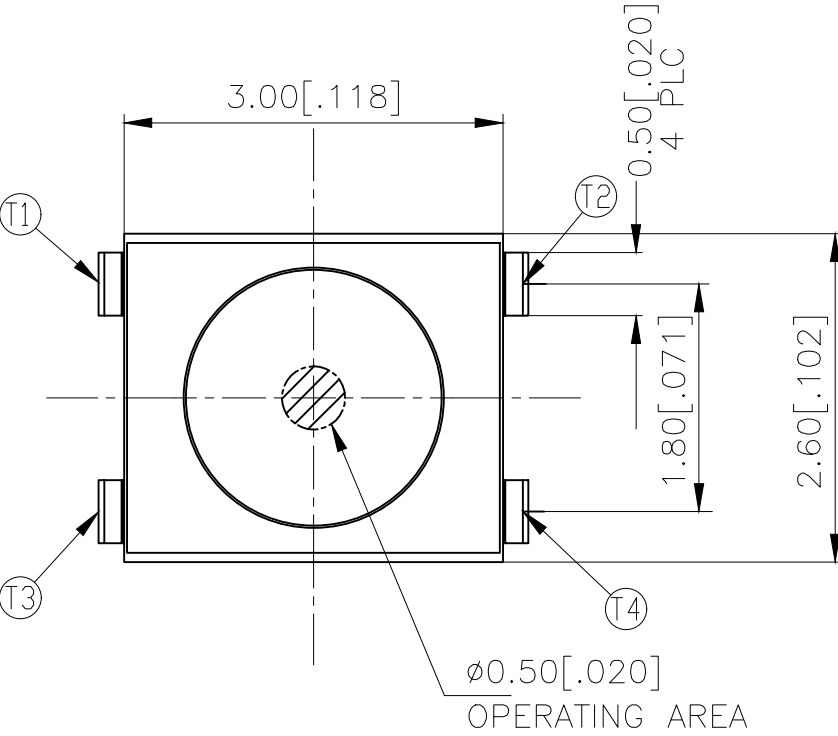


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REVISED PER ECR-19-004770	10APR2019	SR	DD



NO LAND PATTERN OR VIAS PERMITTED

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 GANESH C M 04JUL2018	TE Connectivity Ltd.		
DIMENSIONS: mm [INCHES]		CHK ALEXANDER SHARPE 04JUL2018			
		APVD ALEXANDER SHARPE 04JUL2018	NAME SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, 3.0 x 2.6 x 0.45, J BEND		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
MATERIAL		APPLICATION SPEC	SIZE A300779		
FINISH		WEIGHT			
CUSTOMER DRAWING		SCALE NTS	DRAWING NO C-2337227		RESTRICTED TO —
		SHEET 1 of 3	REV B		

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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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:

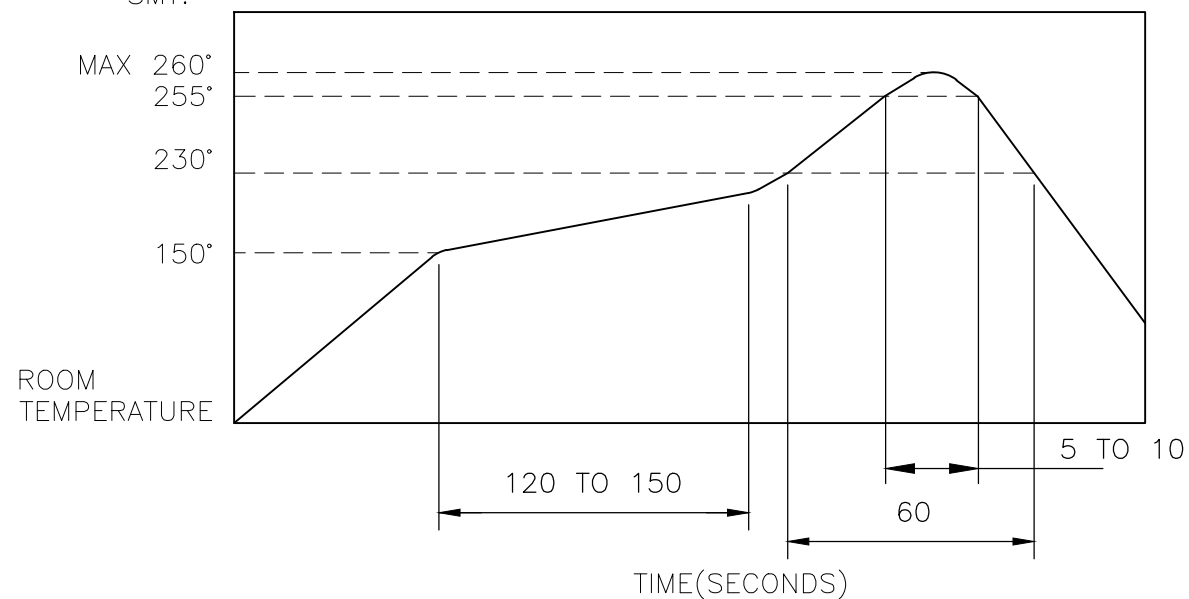
ALL MATERIALS AND FINISHES SHALL COMPLY WITH
EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)

3. SPECIFICATIONS:

RATING: 50 mA, 12V DC
CONTACT RESISTANCE: 500m Ω MAXIMUM (INITIAL)
INSULATION RESISTANCE: 50M Ω MINIMUM (INITIAL)
DIELECTRIC STRENGTH: 250V AC, 1 MINUTE
OPERATING LIFE: 100,000 CYCLES WITH LOAD
TRAVEL: 0.15 $\pm$ 0.1[.006 $\pm$.004]
ACTUATION FORCE: 2337227-1 = 100 $\pm$ 50gf
2337227-2 = 160 $\pm$ 50gf
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:

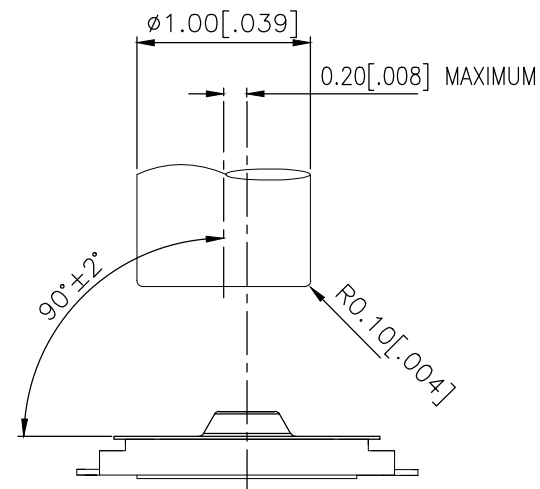
SOLDERING TEMPERATURE	350°C MAXIMUM
CONTINUOUS SOLDERING TIME	5 SECONDS MAXIMUM

HANDLING PRECAUTIONS:

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

5. OPERATING PRECAUTIONS:

- DO NOT ACTUATE THE SWITCH WITH EXCESSIVE FORCE
- 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.
- ALIGN THE PLUNGER WITH THE SWITCH TO INSURE PROPER OPERATION

RECOMMENDED OPERATING CONDITIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 04JUL2018

GANESH C M

CHK 04JUL2018

ALEXANDER SHARPE

APVD 04JUL2018

ALEXANDER SHARPE

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity Ltd.

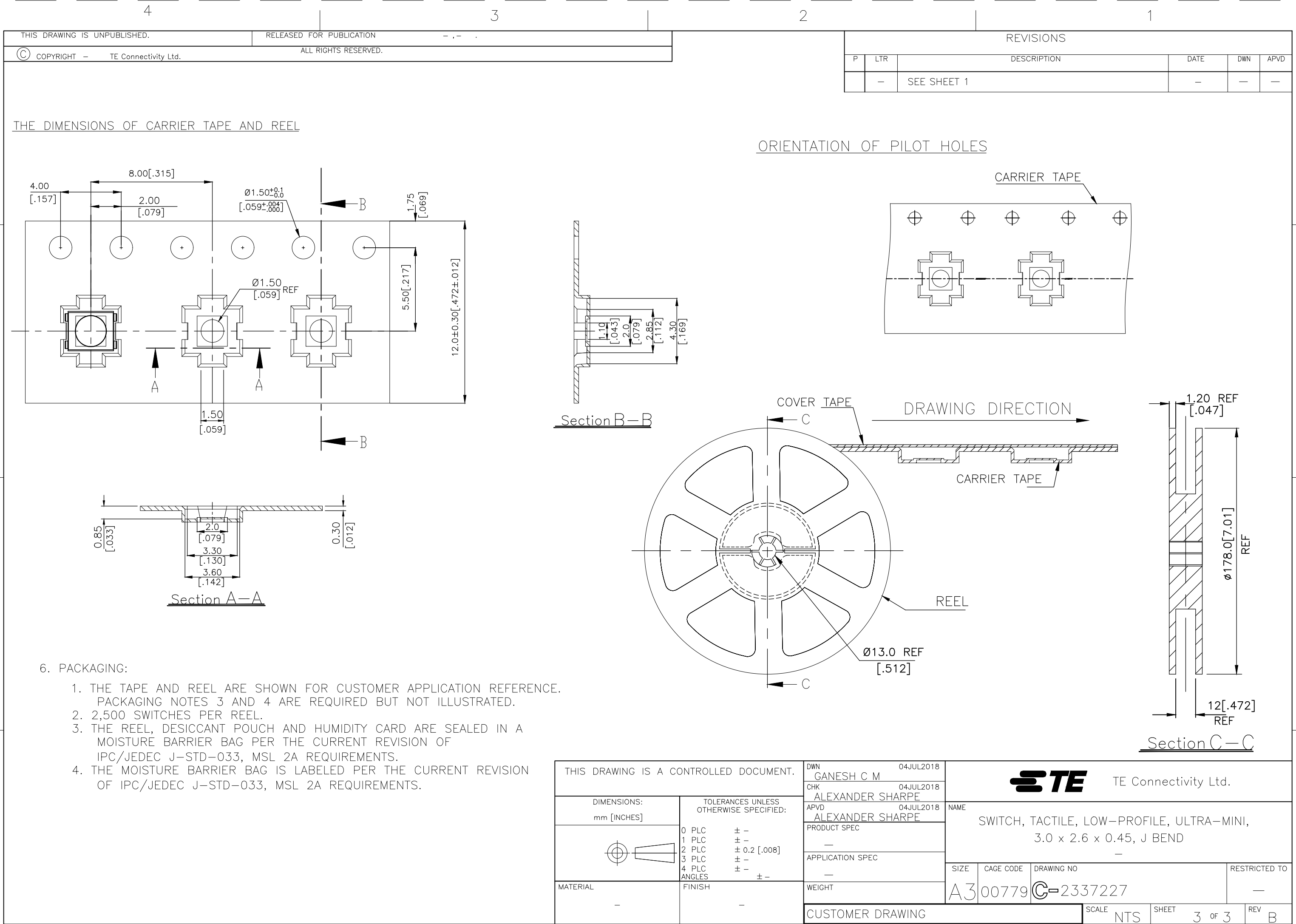
NAME
SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI,
3.0 x 2.6 x 0.45, J BEND

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2337227	-

SCALE NTS

SHEET 2 OF 3

REV B



1470-19 (1/15)

Mouser Electronics

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