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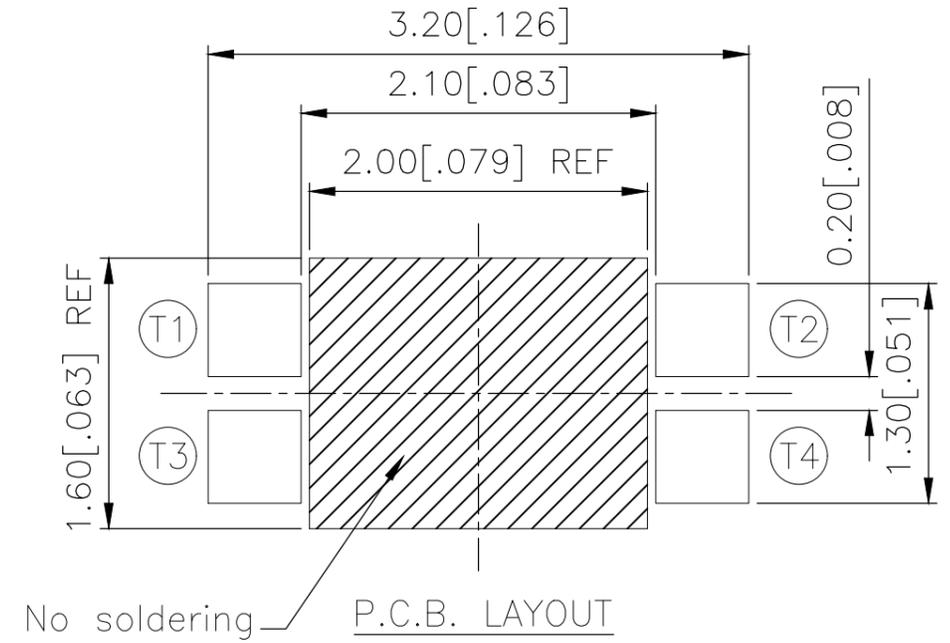
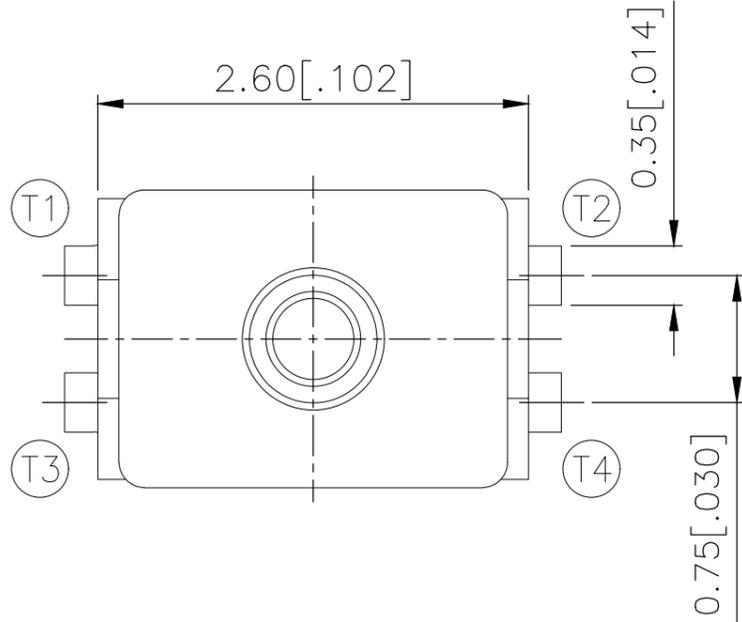
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REVISIONS

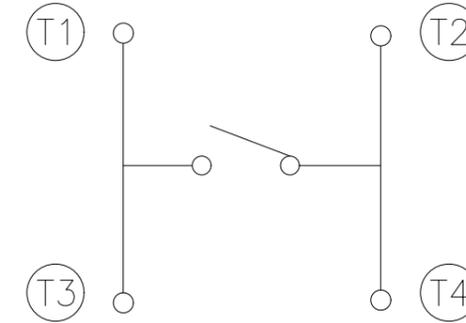
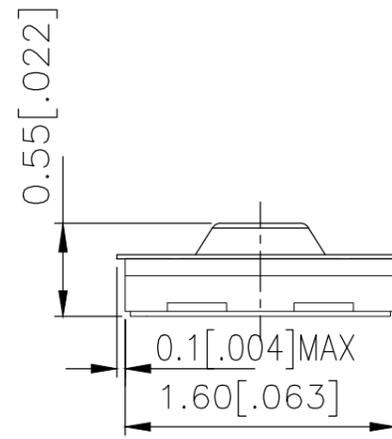
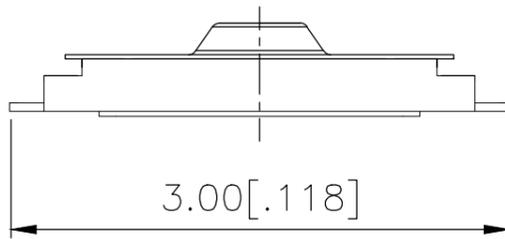
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P	LTR	DESCRIPTION	DATE	DWN	APVD
1		NEW DRAWING	04JUL2018	GCM	AS



No soldering P.C.B. LAYOUT



CIRCUIT DIAGRAM

160±50	USLPT2616CT2TR	2337224-1
ACTUATION FORCE (gf)	SMART PART NUMBER	PART NUMBER

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DWN GANESH C M 04JUL2018

CHK ALEXANDER SHARPE 04JUL2018

APVD ALEXANDER SHARPE 04JUL2018

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
0 PLC	± -
1 PLC	± -
2 PLC	± 0.1 [.004]
3 PLC	± -
4 PLC	± -
ANGLES	± -

MATERIAL

FINISH

TE Connectivity Ltd.

SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, 2.6 x 1.6 x 0.55, TAB

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A3 00779 C-2337224

SCALE SHEET 1 of 3 REV 1

PRELIMINARY

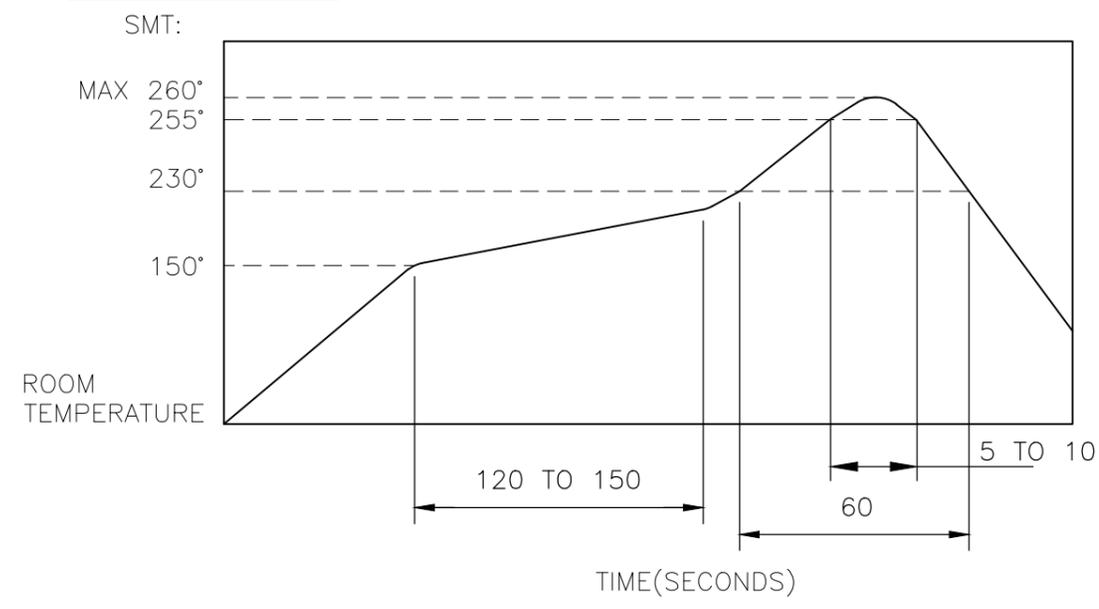
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

NOTES:

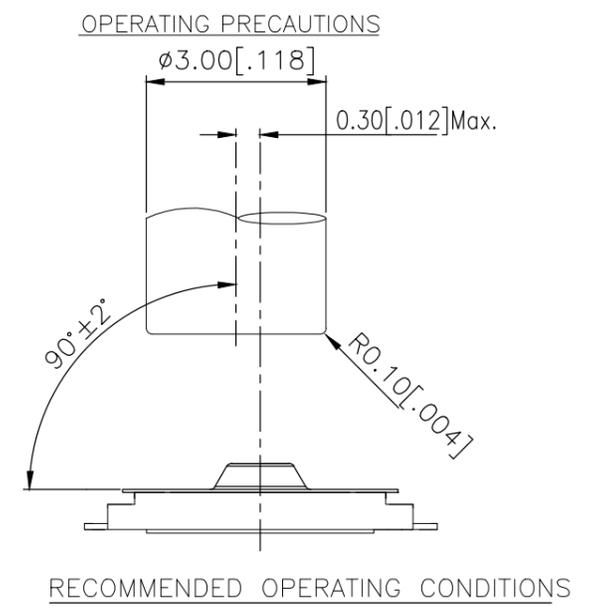
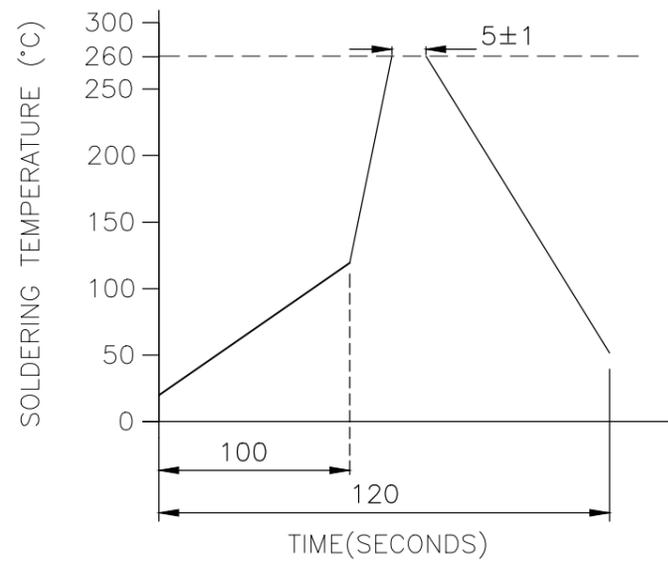
- MATERIALS:**
 TERMINAL: COPPER ALLOY, SILVER FINISH
 BASE: THERMOPLASTIC, BLACK
 TAPE: POLYAMIDE
 ACTUATOR: POLYIMIDE
 CONTACT: STAINLESS STEEL, SILVER FINISH
- COMPLIANCE:**
 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)
- SPECIFICATIONS:**
 RATING: 10 μ A, 2V DC MINIMUM TO 20 mA, 15V DC MAXIMUM
 CONTACT RESISTANCE: 500m Ω MAXIMUM (INITIAL)
 INSULATION RESISTANCE: 50M Ω MINIMUM (INITIAL)
 DIELECTRIC STRENGTH: 250 V AC, 1 MINUTE
 OPERATING LIFE: 200,000 CYCLES WITH LOAD
 TRAVEL: 0.11 \pm 0.05 [.004 \pm .002]
 ACTUATION FORCE: 160 \pm 50gf
 OPERATING TEMPERATURE: -40° TO 85°C
 STORAGE TEMPERATURE: -40° TO 85°C

4. SOLDER CONDITIONS:



THE CONDITON 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.

WAVE SOLDER:



MANUAL SOLDERING:

SOLDERING TEMPERATURE	350°C MAXIMUM
CONTINUOUS SOLDERING TIME	3 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

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DIMENSIONS: mm		CHK ALEXANDER SHARPE 04JUL2018				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ALEXANDER SHARPE 04JUL2018	NAME SWITCH, TACTILE, LOW-PROFILE, ULTRA-MINI, 2.6 x 1.6 x 0.55, TAB			
0 PLC \pm - 1 PLC \pm - 2 PLC \pm 0.1 [.004] 3 PLC \pm - 4 PLC \pm - ANGLES \pm -		PRODUCT SPEC -	RESTRICTED TO -			
MATERIAL -		FINISH -	APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2337224
CUSTOMER DRAWING			WEIGHT	SCALE -	SHEET 2 of 3	REV 1

PRELIMINARY

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-	-	SEE SHEET 1	-	-	-

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

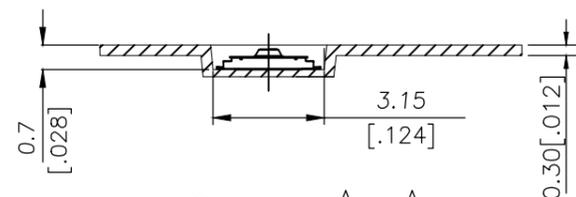
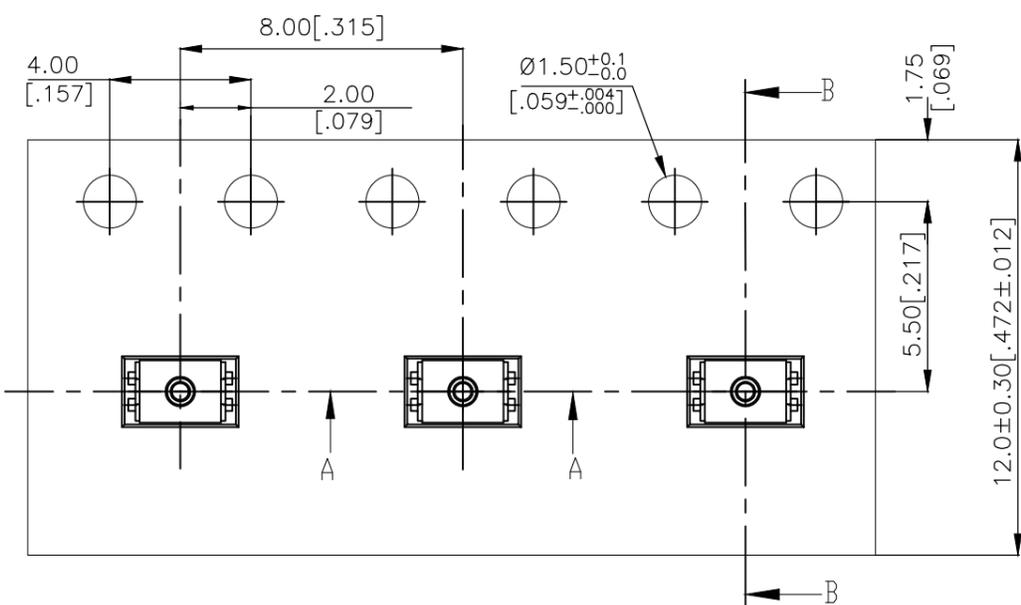
STORAGE CONDITIONS SHOULD PREVENT HEAVY IMPACT OR LOADING

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

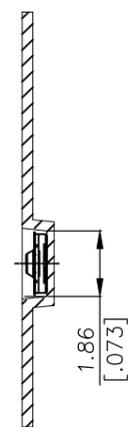
7. PACKAGING:

2,500 SWITCHES PER REEL

THE DIMENSIONS OF CARRIER TAPE AND REEL

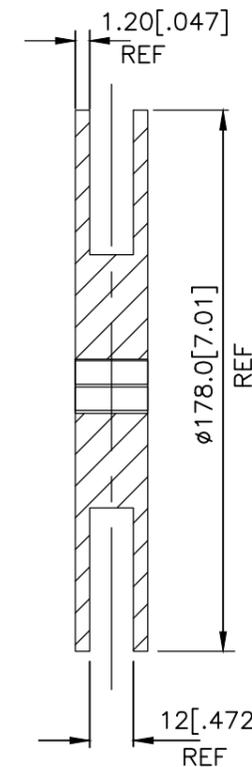
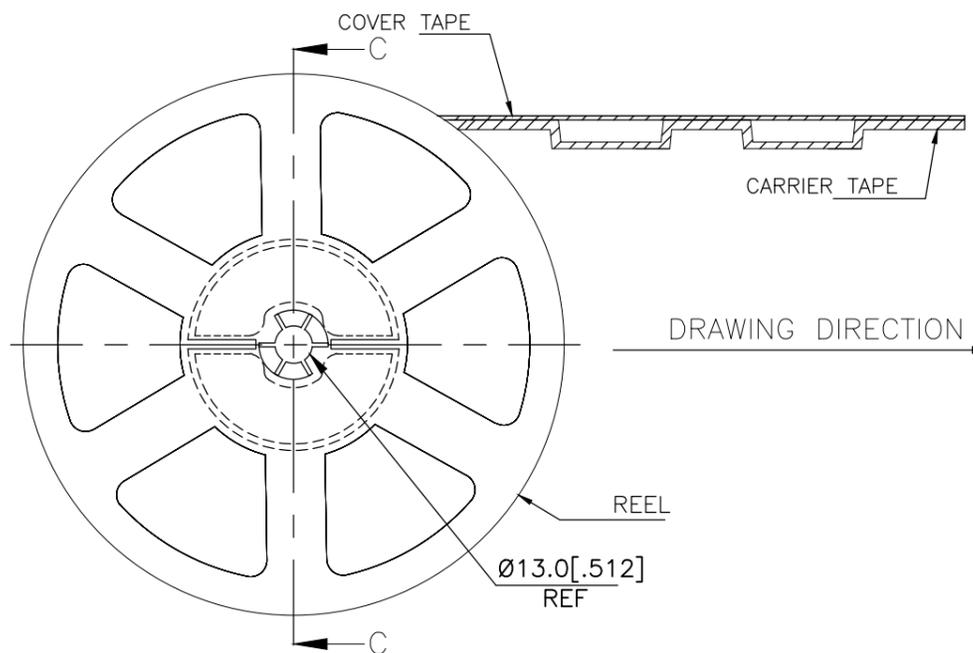
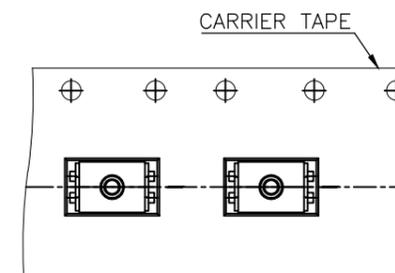


Section A-A



Section B-B

ORIENTATION OF PILOT HOLES



Section C-C

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MATERIAL -		FINISH -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2337224	RESTRICTED TO -
CUSTOMER DRAWING			SCALE -	SHEET 3 OF 3	REV 1	