

4

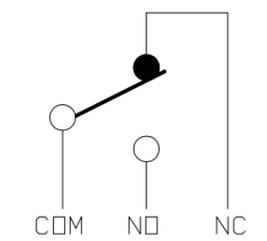
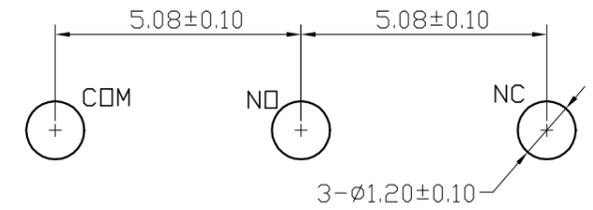
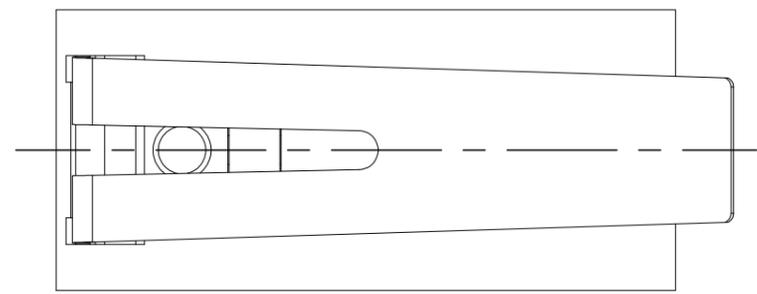
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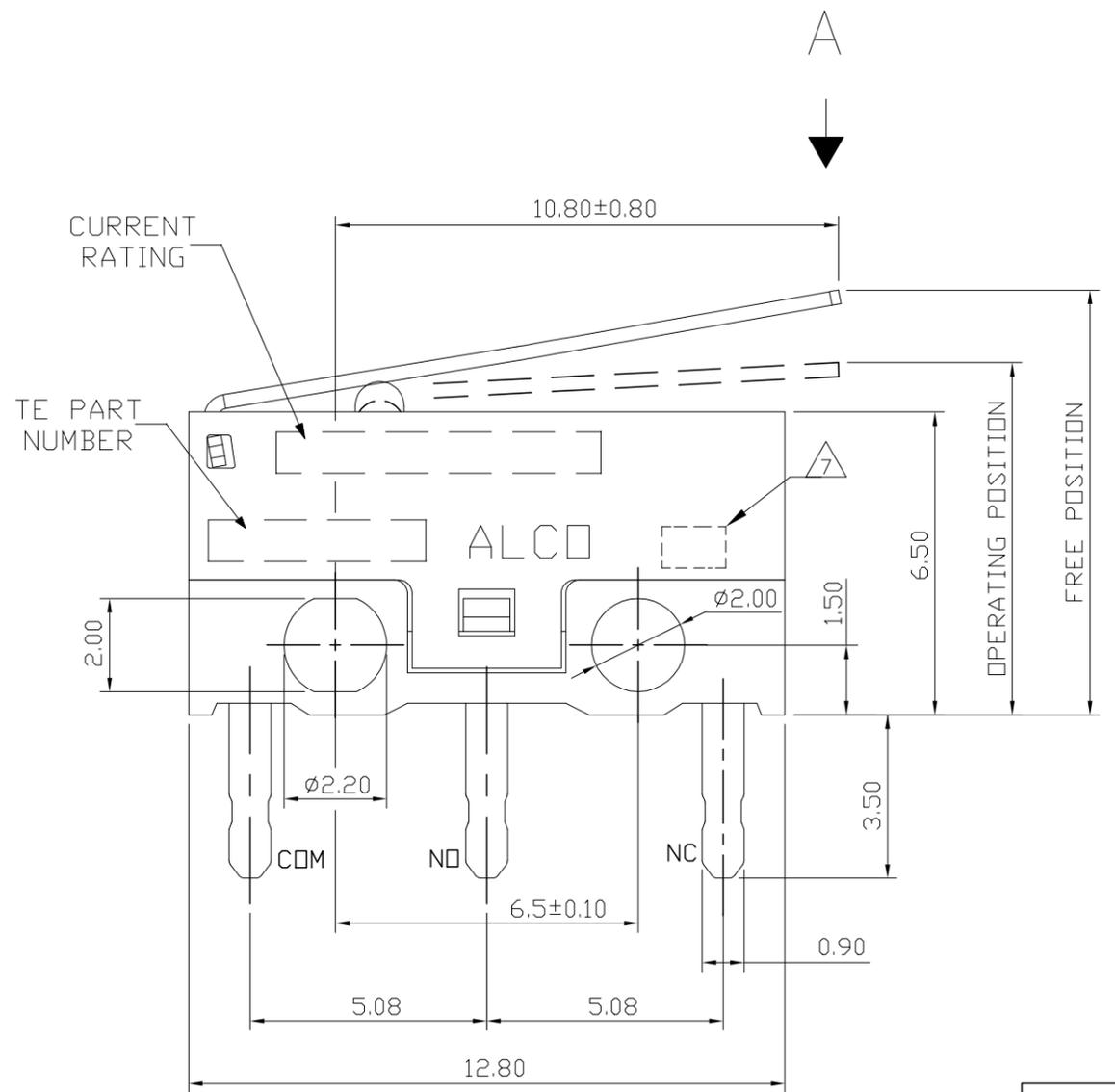
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
1		NEW DRAWING	09MAY2019	GCM	AS



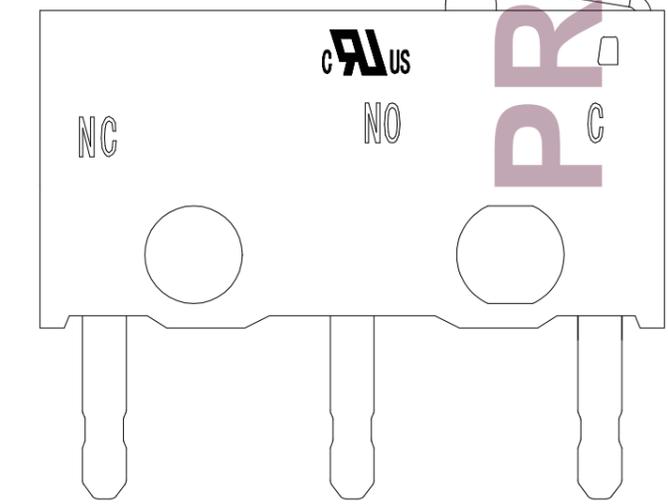
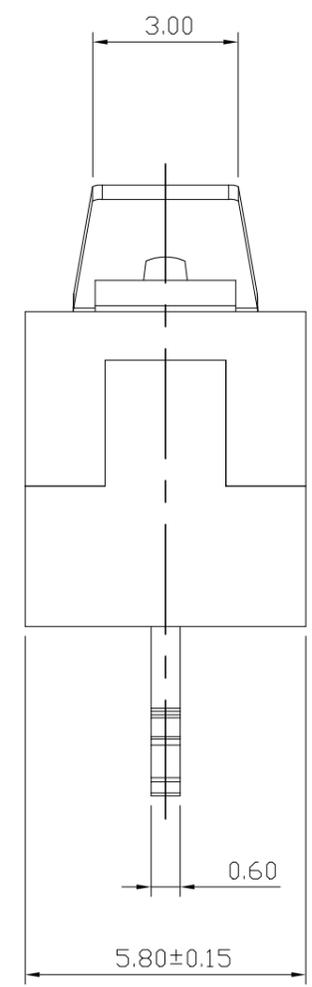
APPLICABLE FOR TE P/N  
 2351445-1  
 2351445-4



CIRCUIT DIAGRAM

PART MARKING

□ 0.1A 30VDC  
 2351445-1 ALCO Y7  
 □ 1.5A250VAC/3A125VAC  
 2351445-4 ALCO Y7



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	09MAY2019		 TE Connectivity Ltd.
		CHK	09MAY2019		
		APVD	09MAY2019		
		PRODUCT SPEC	ALEXANDER SHARPE		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
<ul style="list-style-type: none"> <li>0 PLC ± -</li> <li>1 PLC ± -</li> <li>2 PLC ± 0.4</li> <li>3 PLC ± -</li> <li>4 PLC ± -</li> <li>ANGLES ± -</li> </ul>		APPLICATION SPEC		SWITCH, ULTRA SUBMINIATURE SNAP ACTION, HINGE LEVER, PCB TERMINAL	
MATERIAL		FINISH		SIZE	
-		-		A3 00779 C-2351445	
		WEIGHT		RESTRICTED TO	
		-		-	
CUSTOMER DRAWING				SCALE	REV
				NTS	1
				SHEET	1 of 4

**PRELIMINARY**

4

3

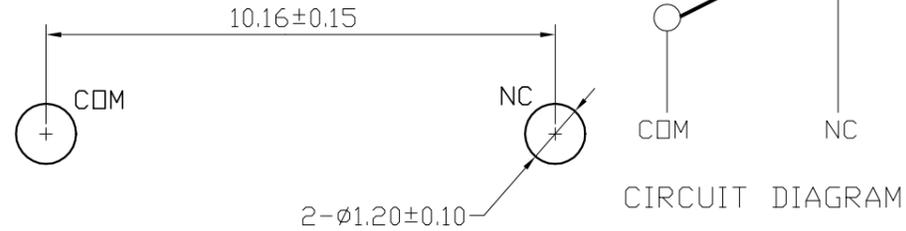
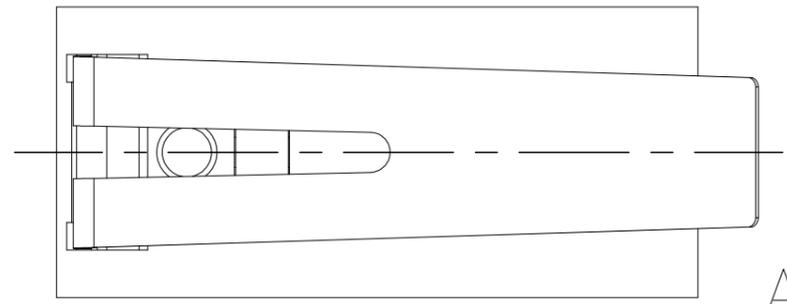
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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

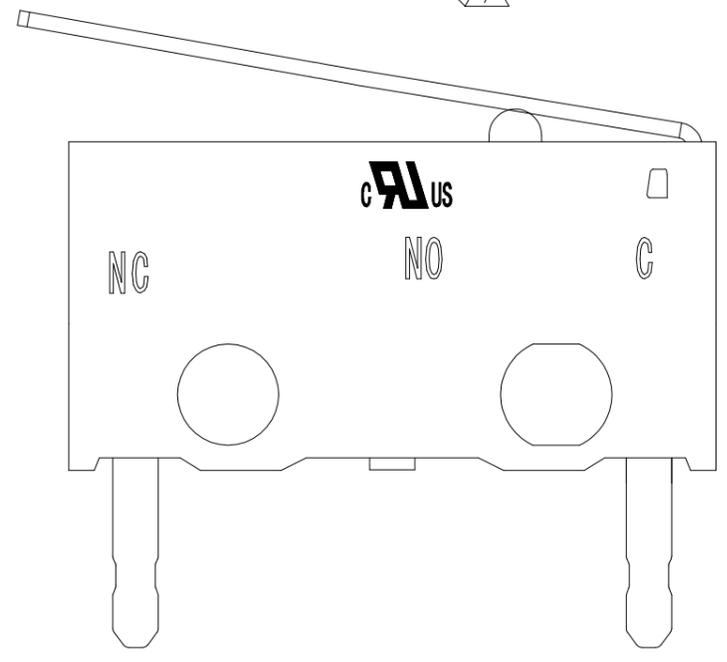
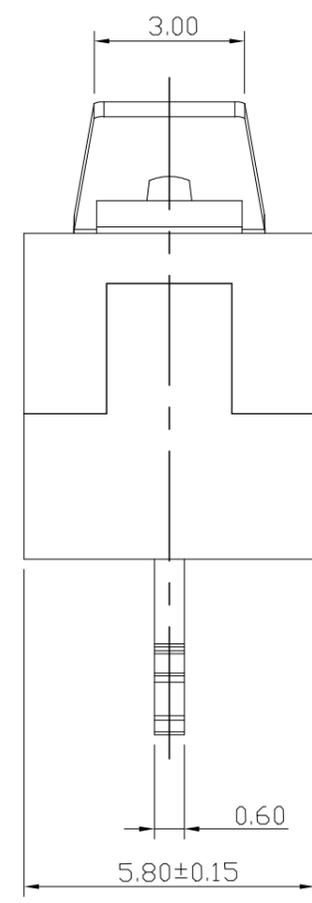
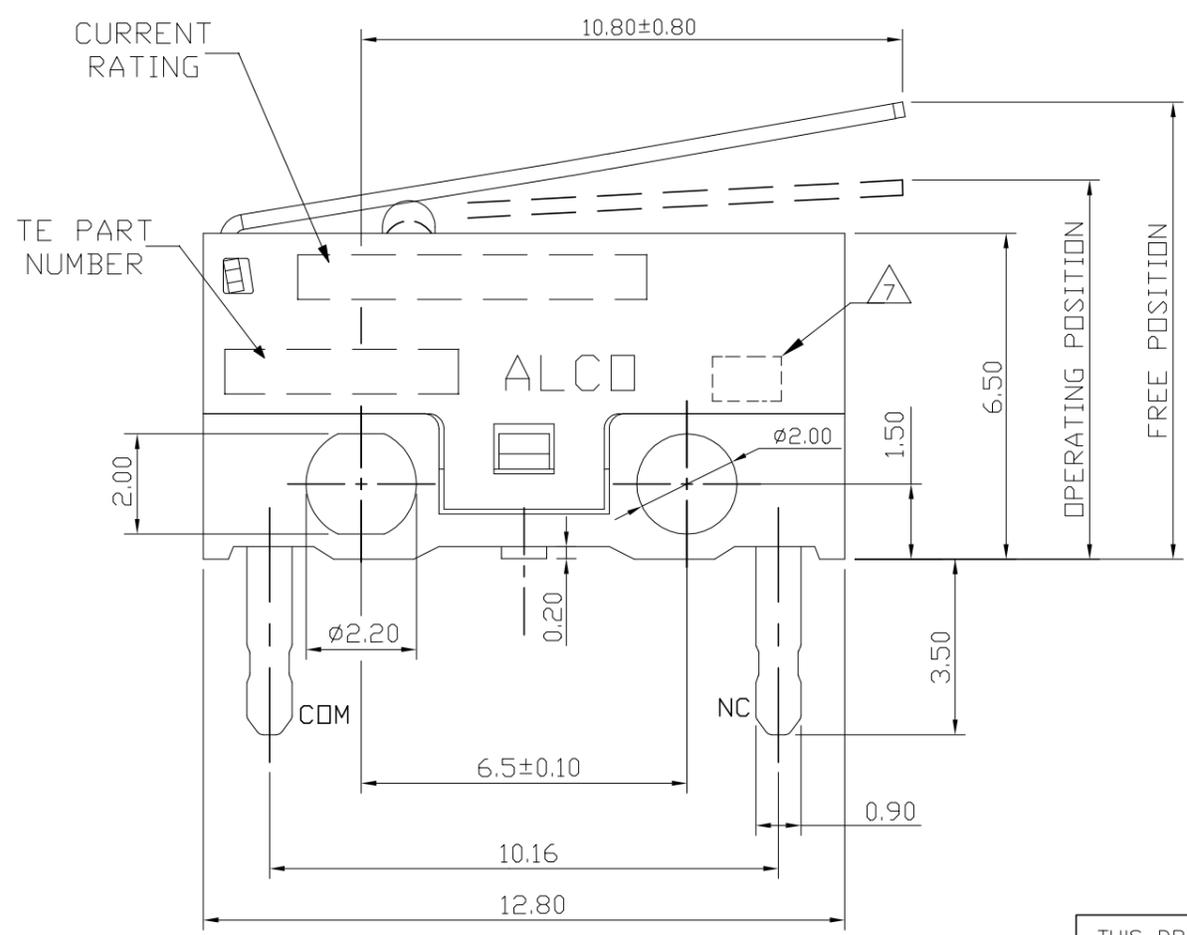
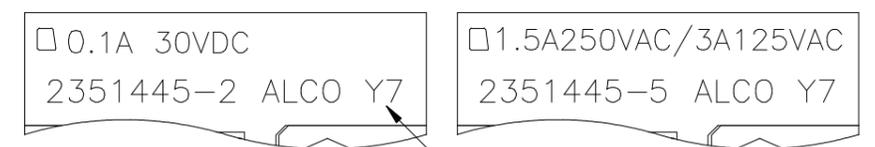
APPLICABLE FOR TE P/N  
 2351445-2  
 2351445-5



CIRCUIT DIAGRAM

P.C.B LAYOUT

PART MARKING



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09MAY2019 GANESH CM	TE Connectivity Ltd.	
DIMENSIONS: mm		CHK 09MAY2019 ALEXANDER SHARPE		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 09MAY2019 ALEXANDER SHARPE	NAME SWITCH, ULTRA SUBMINIATURE SNAP ACTION, HINGE LEVER, PCB TERMINAL	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.4 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL		APPLICATION SPEC	A3 00779 C-2351445	
FINISH		WEIGHT	CUSTOMER DRAWING	
		SCALE NTS	SHEET 2 of 4	REV 1

PRELIMINARY

4

3

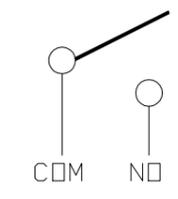
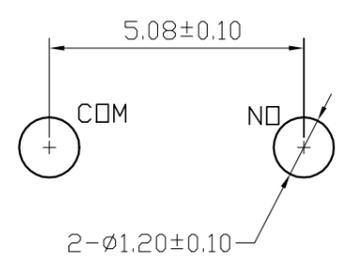
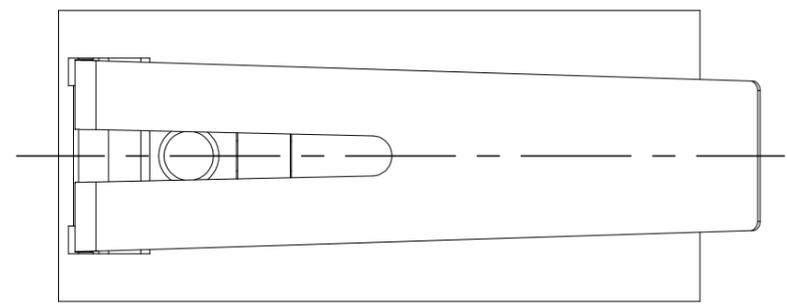
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

APPLICABLE FOR TE P/N  
 2351445-3  
 2351445-6

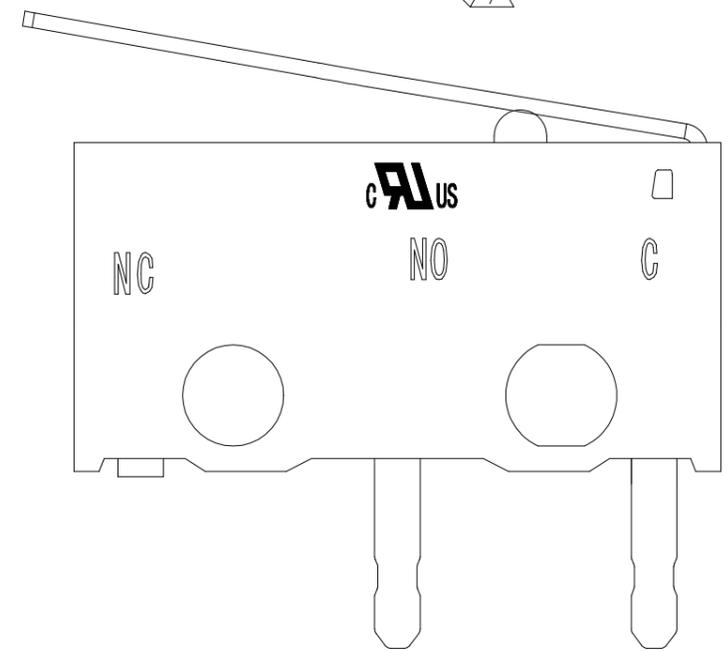
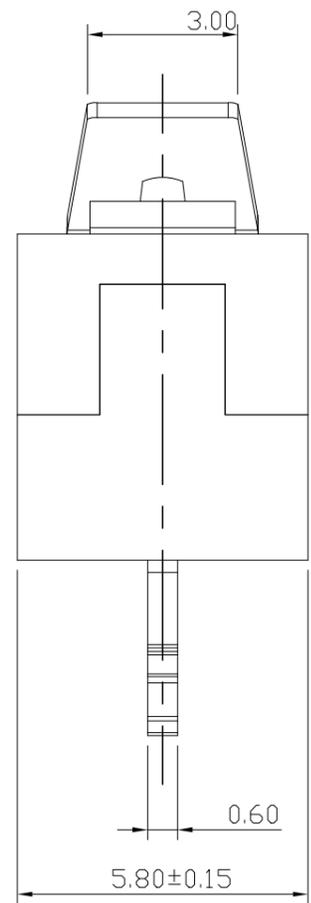
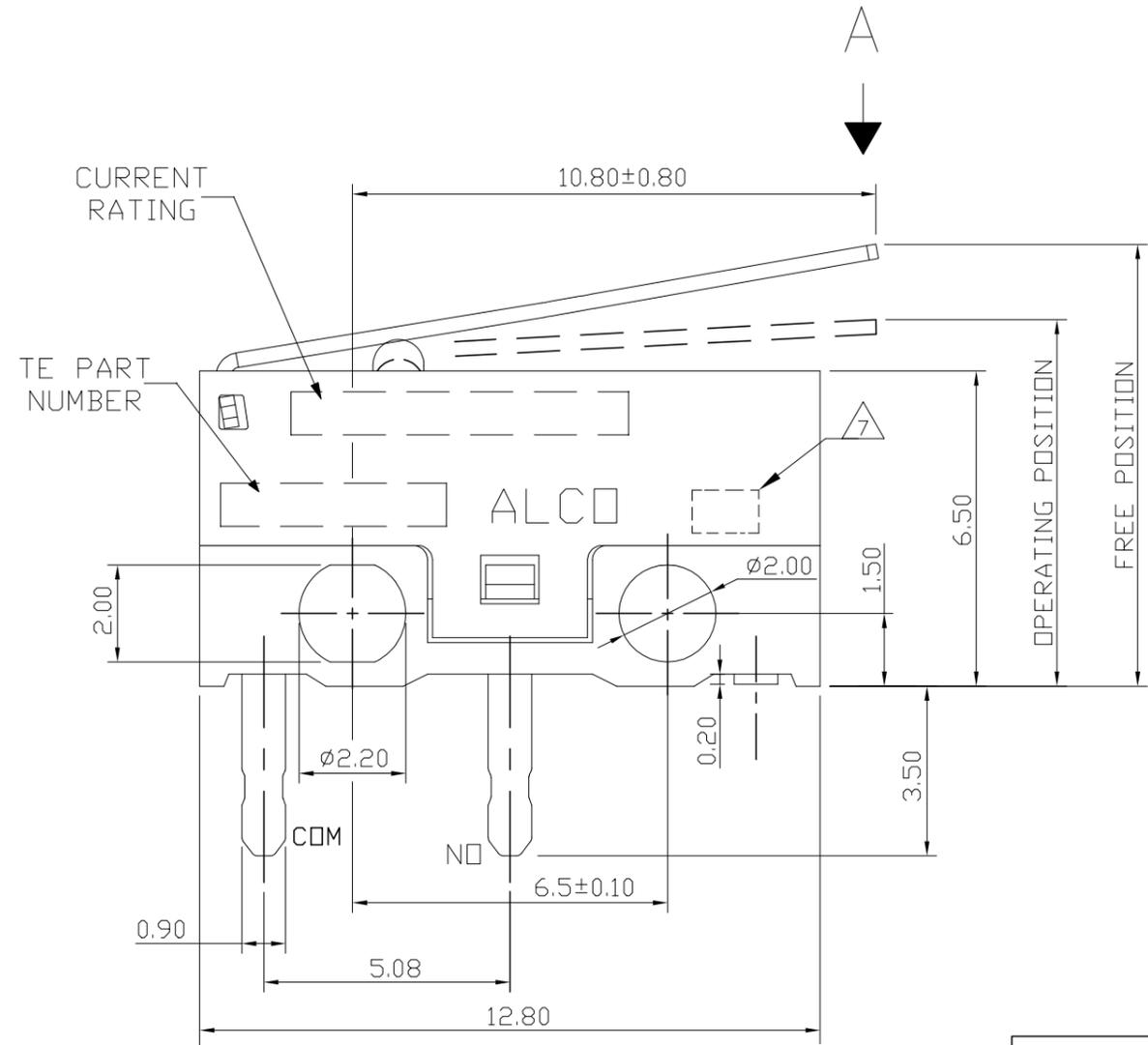


CIRCUIT DIAGRAM

PART MARKING

□ 0.1A 30VDC  
 2351445-3 ALCO Y7

□ 1.5A250VAC/3A125VAC  
 2351445-6 ALCO Y7



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09MAY2019 GANESH CM	TE Connectivity Ltd.	
DIMENSIONS: mm		CHK 09MAY2019 ALEXANDER SHARPE		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 09MAY2019 ALEXANDER SHARPE	NAME SWITCH, ULTRA SUBMINIATURE SNAP ACTION, HINGE LEVER, PCB TERMINAL	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.4 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL		APPLICATION SPEC	A3 00779 C-2351445	
FINISH		WEIGHT	CUSTOMER DRAWING	
		SCALE NTS	SHEET 3 of 4 REV 1	

**PRELIMINARY**

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

NOTES:

- OPERATING CHARACTERISTICS ARE FOR OPERATION IN THE A DIRECTION ↓
- PACKAGING:  
SWITCHES ARE BULK PACKAGED IN BAGS, 500 SWITCHES PER BAG, 2 BAGS PER BOX.
- COMPLIANCE:  
THE CURRENT STATEMENT OF COMPLIANCE IS AVAILABLE AT TE.COM.
- MATERIAL AND FINISH:  
LEVER: STAINLESS STEEL  
BUTTON: THERMOPLASTIC, WHITE  
COVER: THERMOPLASTIC, BLACK  
BASE: THERMOPLASTIC, BLACK  
SPRING PLATE: COPPER ALLOY  
CONTACT: SILVER ALLOY, SILVER PLATED  
TERMINAL: BRASS, SILVER PLATED
- SPECIFICATIONS:  
CURRENT RATING: SEE TABLE  
CONTACT RESISTANCE: 100mΩ MAXIMUM INITIAL, AT FREE POSITION AND TOTAL TRAVEL POSITION.  
INSULATION RESISTANCE: 100MΩ MINIMUM @ 500 V DC FOR 1 MINUTE, INITIAL  
DIELECTRIC WITHSTANDING VOLTAGE, BETWEEN TERMINALS OF THE SAME POLARITY: 600 V AC, 50 TO 60 Hz FOR 1 MINUTE  
DIELECTRIC WITHSTANDING VOLTAGE, BETWEEN EACH TERMINAL AND GROUND: 1500 V AC, 50 TO 60 Hz FOR 1 MINUTE  
DIELECTRIC WITHSTANDING VOLTAGE, BETWEEN EACH TERMINAL AND NON-CURRENT CARRYING METAL PART: 1500 V AC, 50 TO 60 Hz FOR 1 MINUTE
- SOLDER PROCESS:  
MANUAL SOLDERING: 350°C, 3 SECONDS MAXIMUM, 30 TO 40 WATTS. PREVENT SOLDER AND FLUX CONTACTING THE SWITCH BODY.  
DO NOT OPERATE THE SWITCH DURING THE FIRST MINUTE AFTER SOLDERING.  
WAVE SOLDERING: 260°C, 5 SECONDS MAXIMUM. PREVENT SOLDER AND FLUX CONTACTING THE SWITCH BODY.  
DO NOT OPERATE THE SWITCH DURING THE FIRST MINUTE AFTER SOLDERING.

△ 7 DATE CODE : ① ②

①	MONTH	1 TO 9, X, Y, Z (X=10, Y=11, Z=12)
②	YEAR	0 TO 9 (EX: 7=2017)

8. CERTIFICATION: **cRUus**

SILVER	SPST, NORMALLY OPEN	500,000 CYCLES, MINIMUM	6,000 CYCLES, MINIMUM	-40 TO +85°C/85% RELATIVE HUMIDITY MAXIMUM	-25 TO +75°C/60% RELATIVE HUMIDITY MAXIMUM	0.50 MAXIMUM	0.55 MINIMUM	8.5±1.5	11.5 MAXIMUM	0.02N MINIMUM	0.39 MAXIMUM	3 A, 125 VAC, 1.5 A, 250 VAC	MOMENTARY	SAJ13XXHL0N88SNOPTQ	2351445-6
	SPST, NORMALLY CLOSED										SAJ13XXHL0N88SNCPTQ			2351445-5	
	SPDT										SAJ13XXHL0N88SDTPTQ			2351445-4	
	SPST, NORMALLY OPEN	1,000,000 CYCLES, MINIMUM	30,000 CYCLES, MINIMUM								0.25N MAXIMUM	0.1 A, 30 VDC		SAJ101XHL0N74SNOPTQ	2351445-3
	SPST, NORMALLY CLOSED										SAJ101XHL0N74SNCPTQ			2351445-2	
SPDT	SAJ101XHL0N74SDTPTQ			2351445-1											
CONTACT FINISH	CONTACT FORM	MECHANICAL LIFE	ELECTRICAL LIFE	STORAGE TEMPERATURE RANGE/HUMIDITY RANGE	OPERATING TEMPERATURE RANGE/HUMIDITY RANGE	MOVEMENT DIFFERENTIAL	OVERTRAVEL	OPERATING POSITION	FREE POSITION	RELEASE FORCE	OPERATING FORCE	RATING RESISTIVE LOAD	CONTACT CONFIGURATION	TE SMART PART NUMBER	PART NUMBER

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± -
	1 PLC ± -
	2 PLC ± 0.4
	3 PLC ± -
	4 PLC ± -
	ANGLES ± -

DWN	09MAY2019
CHK	09MAY2019
APVD	09MAY2019
PRODUCT SPEC	
APPLICATION SPEC	
WEIGHT	-

**TE** TE Connectivity Ltd.

NAME: SWITCH, ULTRA SUBMINIATURE SNAP ACTION, HINGE LEVER, PCB TERMINAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	2351445	-

**PRELIMINARY**