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REVISIONS

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

NOTES:

1. OPERATING CHARACTERISTICS ARE FOR OPERATION IN THE A DIRECTION

2. PACKAGING:  
SWITCHES ARE BULK PACKAGED IN BAGS, 100 SWITCHES PER BAG, 10 BAGS PER BOX.

3. COMPLIANCE:  
THE CURRENT STATEMENT OF COMPLIANCE IS AVAILABLE AT TE.COM.

4. MATERIAL AND FINISH:  
LEVER: STAINLESS STEEL  
BUTTON: THERMOPLASTIC, WHITE  
COVER: THERMOPLASTIC, BLACK  
SPRING PLATE: COPPER ALLOY  
MOVING PLATE: COPPER ALLOY  
CONTACTS: SILVER ALLOY  
RIVET: ALUMINUM  
TERMINAL: BRASS, SILVER PLATED  
BASE: THERMOPLASTIC, BLACK

5. SPECIFICATIONS:  
CURRENT RATING: SEE TABLE  
CONTACT RESISTANCE: 50mΩ 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: 1000 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

6. 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.

DATE CODE:

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1	DAY	01 TO 31
2	MONTH	1 TO 9,X,Y,Z (X=10,Y=11,Z=12)
3	YEAR	00 TO 99
4	OTHER	N/A

8. CERTIFICATION:

SILVER	SPDT	10,000,000 CYCLES, MINIMUM	10,000 CYCLES, MINIMUM	–40 TO +85°C/85% RELATIVE HUMIDITY MAXIMUM	–40 TO +75°C/60% RELATIVE HUMIDITY MAXIMUM	0.8 MAXIMUM	1.20 MINIMUM	8.8±0.8	12.0 MAXIMUM	0.06N MINIMUM	0.49N MAXIMUM	5A, 125VAC 3A, 250VAC 3A, 30VDC	MOMENTARY	SOLDER	SAJ25YXHL0147SDTSEQ	2351451–1
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	TERMINAL TYPE	TE SMART PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

MATERIAL –

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± –

1 PLC ± –

2 PLC ± 0.4

3 PLC ± –

4 PLC ± –

ANGLES ± –

FINISH –

DWN 09MAY2019  
GANESH CM

CHK 09MAY2019  
ALEXANDER SHARPE

APVD 09MAY2019  
ALEXANDER SHARPE

PRODUCT SPEC –

APPLICATION SPEC –

WEIGHT –

CUSTOMER DRAWING

TE Connectivity Ltd.

NAME  
SWITCH, SUBMINIATURE SNAP ACTION,  
HINGE LEVER, SOLDER TERMINAL

SIZE A3

CAGE CODE 00779

DRAWING NO C=2351451

RESTRICTED TO –

SCALE NTS

SHEET 2 OF 2

REV 1

PRELIMINARY

1470–19 (1/15)