

4

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3

2

1

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

APPLICABLE FOR TE P/N

2351457-2

COM

NO

NC

CIRCUIT DIAGRAM

QUICK CONNECT TERMINAL

AS SHOWN

2-Ø3.1 Mounting holes

or M3 screw holes

10.30±0.1

22.20±0.1

MOUNTING HOLES

PRE TRAVEL

OPERATING POSITION

ALCO

NC

NO

COM

Ø3.1+0.13

Ø3.4±0.15

22.2±0.1

27.8

37.85±0.8

1.60

0.5

18.80

6.20

2.8

Ø3.1+0.13

2.8

12.85

20.2±0.25

2.9

4.7

3.2

6.3

10

REF

Ø1.60

10.30±0.3

3.1+0.13

2.8

4.2

10.30

7

2351457-2

5A 125/250VAC

CAUS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

09MAY2019

CHK

09MAY2019

ALEXANDER SHARPE

APVD

09MAY2019

ALEXANDER SHARPE

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

SCALE

NTS

SHEET

2 of 3

REV

1

RESTRICTED TO

—

DRAWING NO

CAGE CODE

SIZE

A3

00779

2351457

TE Connectivity Ltd.

SWITCH, SUBMINIATURE SLD SNAP ACTION,

PIN PLUNGER

—

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1470-19

(1/15)

PRELIMINARY

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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, 50 SWITCHES PER BAG, 20 BAGS PER BOX.
3. COMPLIANCE:
THE CURRENT STATEMENT OF COMPLIANCE IS AVAILABLE AT TE.COM.
4. MATERIAL AND FINISH:
COVER: THERMOPLASTIC, BLACK
BASE: THERMOPLASTIC, BLACK
BUTTON: THERMOPLASTIC, BLACK
CONTACTS: SILVER ALLOY, SILVER PLATED
TERMINALS: BRASS, SILVER PLATED
MOVING PLATE: BRASS, SILVER PLATED
SPRING PLATE: COPPER ALLOY
ACTION ARM: BRASS, SILVER PLATED
5. SPECIFICATIONS:
CURRENT RATING: SEE TABLE
CONTACT RESISTANCE: 100mΩ MAXIMUM, INITIAL, AT FREE POSITION AND TOTAL TRAVEL POSITION, ACTUATE 3 TIMES BEFORE MEASUREMENT.
INSULATION RESISTANCE: 100MΩ MINIMUM, INITIAL, @ 500 V DC, 1 MINUTE
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
INGRESS PROTECTION: IP40
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.

7. DATE CODE :


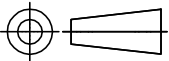
①②③④

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	5,000,000 CYCLES, MINIMUM	100,000 CYCLES, MINIMUM	-40 TO +85°C/85% RELATIVE HUMIDITY MAXIMUM	-40 TO +85°C/60% RELATIVE HUMIDITY MAXIMUM	0.4 MAXIMUM	1.0 MINIMUM	14.7±0.4	1.2 MAXIMUM	5 gf MINIMUM	50 gf MAXIMUM	5A, 125VAC 5A, 250VAC	MOMENTARY	QUICK CONNECT, #187	SAJ35XXPP0N49SDTFAQ	2351457-2
														SOLDER	SAJ35XXPP0N49SDTSEQ	2351457-1
CONTACT FINISH	CONTACT FORM	MECHANICAL LIFE	ELECTRICAL LIFE	STORAGE TEMPERATURE RANGE/HUMIDITY RANGE	OPERATING TEMPERATURE RANGE/HUMIDITY RANGE	MOVEMENT DIFFERENTIAL	OVERTRAVEL	OPERATING POSITION	PRETRAVEL	RELEASE FORCE	OPERATING FORCE	CURRENT RATING	CONTACT CONFIGURATION	TERMINAL TYPE	TE SMART PART NUMBER	PART NUMBER

PRELIMINARY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GANESH C M 09MAY2019	 TE Connectivity Ltd.			
		CHK ALEXANDER SHARPE 09MAY2019				
DIMENSIONS: mm		APVD ALEXANDER SHARPE 09MAY2019	NAME SWITCH, SUBMINIATURE SLD SNAP ACTION, PIN PLUNGER			
		PRODUCT SPEC —				
MATERIAL —		APPLICATION SPEC —	SIZE A3			
		WEIGHT —	CAGE CODE 00779			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.4 2 PLC ± 0.4 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH —		CUSTOMER DRAWING	DRAWING NO C=2351457			
		SCALE NTS	SHEET 3 of 3		REV 1	