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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
C		REVISED PER ECO-18-013690	24OCT2018	SR	PO

SPECIFICATIONS:

MATERIAL

BASE, PPS, UL94V-0, BLACK

COVER, PPS, UL94V-0, BLACK

ACTUATOR, PA6T, UL94V-0, WHITE

FIXED CONTACT/TERMINAL, CU ALLOY-GOLD FLASH OVER NICKEL

MOVING CONTACT, CU ALLOY, PLATE-GOLD FLASH/NICKEL

CLIP, STAINLESS STEEL

ELECTRICAL

MAX CONTACT RATING SWITCHING, 100MILLIAMP @ 24 VDC

MIN CONTACT RATING SWITCHING, .1MICROAMP @ 1 MILLIVOLT

MAX CONTACT NON-SWITCHING, 1AMP @ 5 VDC

INITIAL CONTACT RESISTANCE, 50 MILLIOHMS MAX.

CONTACT RESISTANCE (AFTER ENVIRONMENTAL TEST), 100 MILLIOHMS

CONTACT RESISTANCE (AFTER GAS TEST), 300 MILLIOHMS

INSULATION RESISTANCE, 1,000 MEGOHMS MIN. @ 100 VDC

DIELECTRIC STRENGTH, 500 VAC RMS @ SEA LEVEL

LIFE EXPECTANCY, 1,000 CYCLES

MECHANICAL

OPERATING FORCE, LESS THAN 800 GRAMS

CONTACT PRESSURE, 280,000 PSI

ENVIRONMENTAL

OPERATING TEMPERATURE, -30 TO +85 DEGREES C

STORAGE TEMPERATURE, -45 TO + 105 DEGREES C

ENVIRONMENT TEMP IN THE APPLICATION WITHOUT SWITCHING MAX 105 DEGREES C

CLEANING, AQUEOUS OR SOLVENT

SOLDER HEAT RESISTANCE, PER 109-201, COND B, SWITCH "OFF".

SOLDERABILITY PER JIS C 0050 & JIS C 0053

1. SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND PACKAGED ON TAPE AND REEL, PACKAGED PER EIA-481.

2. TOP SURFACE TO BE CLEARLY MARKED AS SHOWN.

3. SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.

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

5

MODEL NUMBER ON THIS SURFACE.

6

LOT CODE MARKING

15

5

8

A1

SPACE

INTERNAL CONTROL No. (2-digit)

YEAR OF PRODUCTION WITH 1-DIGIT FIGURE(4TH DIGIT OF CALENDAR YEAR)
(EXAMPLE: Y2018: 8; Y2019: 9)

MONTH OF PRODUCTION WITH 1-DIGIT FIGURE OR ALPHABET
(EXAMPLE: 1~9, X(10), Y(11), Z(12))

DATE OF PRODUCTION WITH 2-DIGIT FIGURES(01-31)

ADE04SATR04S

4

1977282-1

T&B

P/N

POS

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

M.BINNER

14JAN08

CHK

M.SARVER

14JAN08

APVD

M.SARVER

14JAN08

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:

mm [INCHES]

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

± -

± -

± 0.30[.012]

± -

± -

± -

-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=1977282

-

TE

TE Connectivity Ltd.

DIP SWITCH, ADE04SATR, SPECIAL

SCALE 4:1

SHEET 1 OF 1

REV C

DIM L

ON

1

4

7.49
[.295]

5

1.40
[.055]
TYP

2.54
[.100]
TYP

H

1.30
[.051] STROKE

0.99
[.039]
TYP

2°±2°
TYP

0.79±0.20
[.031±.008]
TYP

8.00±0.30
[.315±.012]

1.64±0.20
[.065±.008]
TYP

6

2.54
[.100]

1.90
[.075]

8.89
[.350]

1.52
[.060]

6.99
[.275]

RECOMMENDED PAD LAYOUT
SURFACE MOUNT
SA

1471-9 (1/15)

Mouser Electronics

Authorized Distributor

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