

4

3

2

1

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LOCAD

DIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	DRAWING CREATED	12DEC05	MKC	—

MATERIALS

COMPONENT NAME	BASE MATERIAL	FINISH
HOUSING	PBT, UL94 V-0, GRAY	
FRAME	BRASS	TIN
LEVER	BRASS	NICKEL
MOVABLE CONTACT	PHOSPHOR BRONZE	GOLD OVER NICKEL
TERMINAL (CONTACT AREA)	PHOSPHOR BRONZE	GOLD OVER NICKEL
TERMINAL (SOLDER AREA)	PHOSPHOR BRONZE	GOLD OVER NICKEL

NOTES:

1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.

2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2003/95/EC OF 27JAN2003 (ROHS)

3. SWITCHES ARE SEALED AND ABLE TO WITHSTAND SOLDER WASH OPERATION.

SPECIFICATIONS

CURRENT RATING, MAX.	50mA @ 48 VDC OR PEAK AC (2.4VA)
CURRENT RATING, MIN.	1µA @ 20 VDC OR PEAK AC (.02VA)
TERMINATION RESISTANCE	50 MILLIOHMS MAX AT 1.5mA 200µVAC
INSULATION RESISTANCE	500 MEGOHMS MIN @ 250 VDC
DIELECTRIC WITHSTANDING VOLTAGE	500 VAC FOR 1 MINUTE
OPERATING TEMPERATURE	-20°C to +85°C
STORAGE TEMPERATURE	-40°C to +85°C
ELECTRICAL LIFE	
50mA @ 48 VDC OR PEAK AC	10,000 CYCLES
1µA @ 20 VDC OR PEAK AC	50,000 CYCLES (MAINTAINED), 30,000 CYCLES (MOMENTARY)
.4VA MAX @ 20 VDC OR PEAK AC	50,000 CYCLES (MAINTAINED), 30,000 CYCLES (MOMENTARY)

12DEC05

DWN MOHAN

CHK —

APVD —

PRODUCT SPEC —

APPLICATION SPEC —

WEIGHT —

CUSTOMER DRAWING

DIMENSIONS: mm [INCHES]

MATERIAL —

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 3°

FINISH —

tyco

Electronics

Tyco Electronics Corporation

Harrisburg, PA 17105-3608

ATE SERIES TOGGLE SWITCH, RA TERMINALS, ROUND ACTUATOR, 1&2 POLE

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A200779C=1825184

SCALE 4:1 SHEET 1 of 2 REV A

2-3,5-6

OFF

2-1,5-4

(ON) OFF (ON)

RA

2

2

ALCO ATE2G LOT NO.

ATE2GGRA104

1825184-6

2-3,5-6

2-1,5-4

ON ON

RA

2

2

ALCO ATE2D LOT NO.

ATE2DGRA104

1825184-5

2-3

OFF

2-1

(ON) OFF (ON)

RA

2

1

ALCO ATE1G LOT NO.

ATE1GGRA104

1825184-4

2-3

2-1

ON (ON)

RA

2

1

ALCO ATE1F LOT NO.

ATE1FGRA104

1825184-3

2-3

OFF

2-1

ON OFF ON

RA

2

1

ALCO ATE1E LOT NO.

ATE1EGRA104

1825184-2

2-3

2-1

ON ON

RA

2

1

ALCO ATE1D LOT NO.

ATE1DGRA104

1825184-1

ALCO

1 2 3

4 5 6

ALCO

1 2 3

4 5 6

ALCO

1 2 3

4 5 6

FUNCTION

TERMINAL

THROWS

POLES

MARKINGS

ALCO P/N

TYCO P/N

CONNECTED TERMINALS

AMP 1471-9 REV 31MAR2000

