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LOC
IF

DIST
—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
B2		REVISED PER ECO-13-015855	11OCT2013	KH	RH

1

4

3

2

5

6

SW. Funct.

Model No.

Rating

ON

OFF

ON

ALCO

AWTP1504

20A AC 125V

20A AC 250V

20A DC 30V

0610

Date Code

Example

0610

Year Month

2006 Oktober

17.5±1

6.5±0.5

35.5±1

23±0.5

12.5

M12x1

12

15°

15°

Ø6

7

10

8

9

11

6

5

1

4

#250

21MAX

19.5±0.5

33±1

1

2

3

OPERATING TEMPERATURE -20°C to +70°C

OPERATING FORCE MAX 29,4N

ALL MATERIALS AND FINISHES COMPLY WITH ROHS DIRECTIVE

MOUNTING HOLE

Ø12.5

11.5

NUT 8

14

TERMINAL #250

7.9

3.4

Ø1.7

0,8mm thick

6.3

8

Function Chart

Terminals 1 and 2 4 and 5		Terminals 2 and 3 5 and 6
ON	NONE	ON
ON	OFF	ON
ON	NONE	(ON)
(ON)	OFF	(ON)
ON	OFF	(ON)

(ON) : momentary action

OFF : mechanical position without electrical connection

NONE : no mechanical position

Materials Chart

	Case	PM-EG	
1	F Contact	Silver alloy + C3602BD	
2	Common Contact	C3602BD	
3	Terminal	C2680R	
4	Frame	SPCC	Ep-Fe/Zn4/CM
5	Bushing	Zinc alloy	EP-Zn/Cu5,Ni10b
6	Actuator	C3602BD-F	Ep-Cu/Ni3
7	Nut	C3602BD	Ep-Cu/Ni3b
8	L Washer	SK-5	Ep-Fe/Ni3b
9	Shaft	SUS	
10	Rubber seal	NBR	
11	Insert molded rubber	Silcon rubber	

PART NO:

PART NAME:

MATERIAL/SURFACE:

OPTIONAL DESCRIPTION

Specifications

Rating	Initial Contact Resistance	Insulation Resistance	Dielectric Strenght	Endurance
AC 125V 20A AC 250V 20A DC 30V 20A	MAX 10 milliohms at DC 2~4V 1A	MIN 1000 M Ohms at DC 500V	AC 1,5kV/1 min (AC 1,8kV/1 sec)	Electrically 20.000 cycles at 20 cycles/min (rated load resistive) Mechanically 40.000 cycles at 20 cycles/min

TE CONNECTIVITY PN

Part

7-6437630-2	AWTN1504
3-6437592-9	AWTP1504
5-6437630-0	AWTR1504
1-6437630-1	AWTS1504
1-6437630-0	AWTT1504

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -
FINISH	-

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED ACCORDING TO ISO 8015 and ISO 2768-f

DWN
WEIDEN
06.09.2007

CHK
—

APVD
—

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
—

CUSTOMER DRAWING

TE Connectivity

POWER TOGGLE SWITCH DOUBLE POLE
PANEL MOUNTING WATERTIGHT

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1968501

RESTRICTED TO
—

SCALE
1:1

SHEET
1 of 1

REV
B2

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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