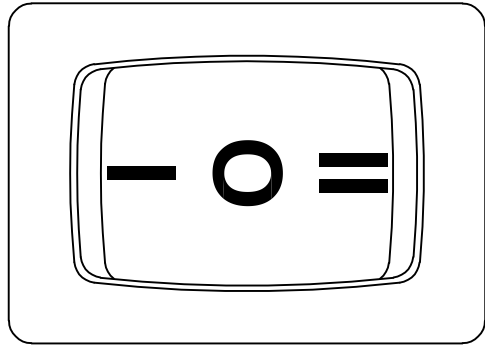


2.00–3.00	19.8–0.1	13.0+0.1
1.25–2.00	19.4–0.1	13.0+0.1
0.75–1.25	19.2–0.1	13.0+0.1
PANEL THICKNESS	X	Y

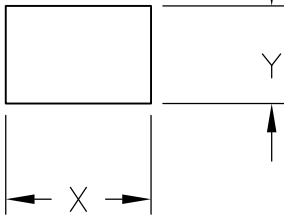


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002 CHK J.MOSIER APVD —		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± — 4 PLC ± — ANGLES ± — FINISH		NAME POWER ROCKER SWITCH, 13.0mm X 19.2mm PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE-THROW, THREE TERMINALS, NON-ILLUMINATED	
MATERIAL 		PRODUCT SPEC NOT APPLICABLE APPLICATION SPEC NOT APPLICABLE WEIGHT —		SIZE A2	CAGE CODE 00779
		DRAWING NO C-1571079		RESTRICTED TO —	
CUSTOMER DRAWING				SCALE 3:1	SHEET 1 of 3
				REV 1	

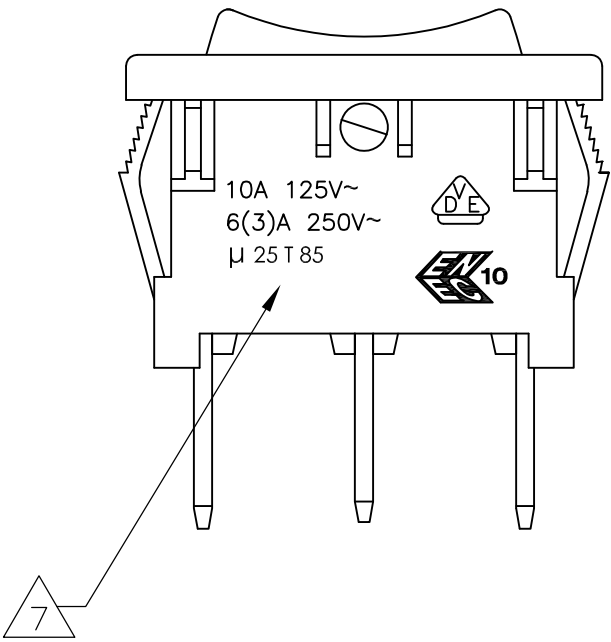
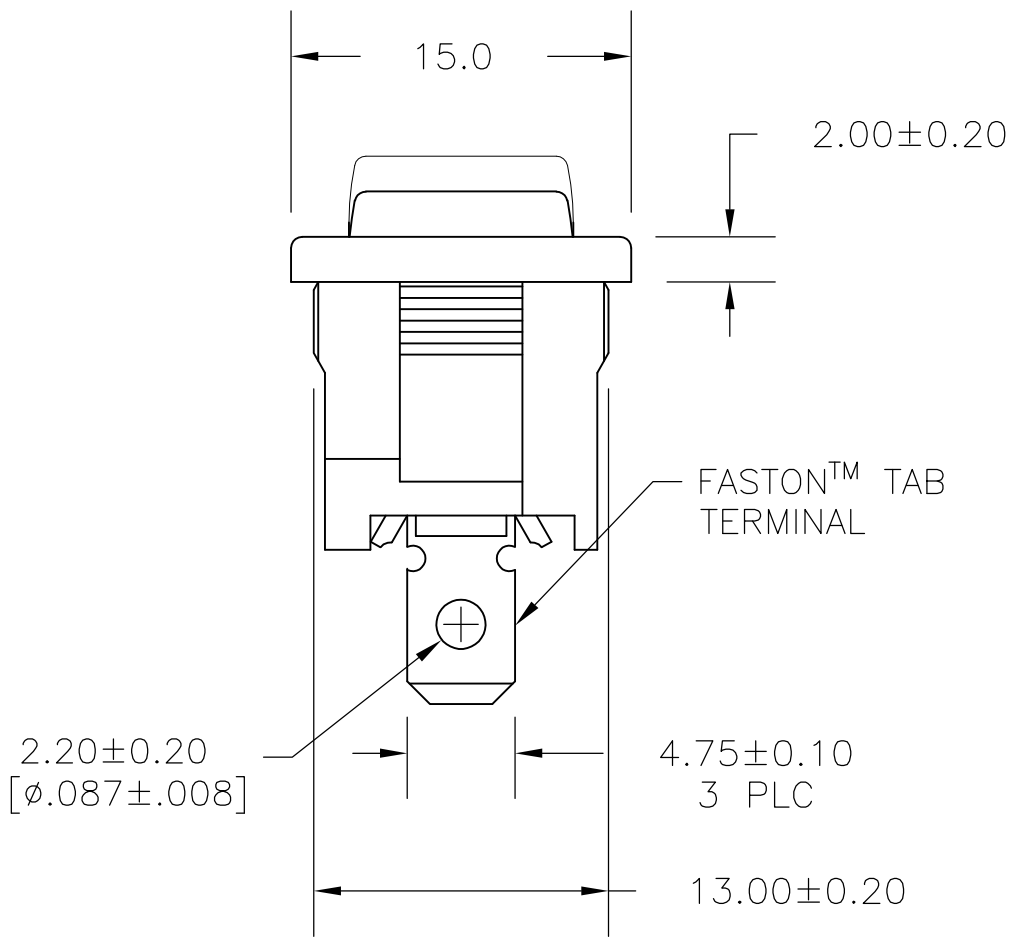
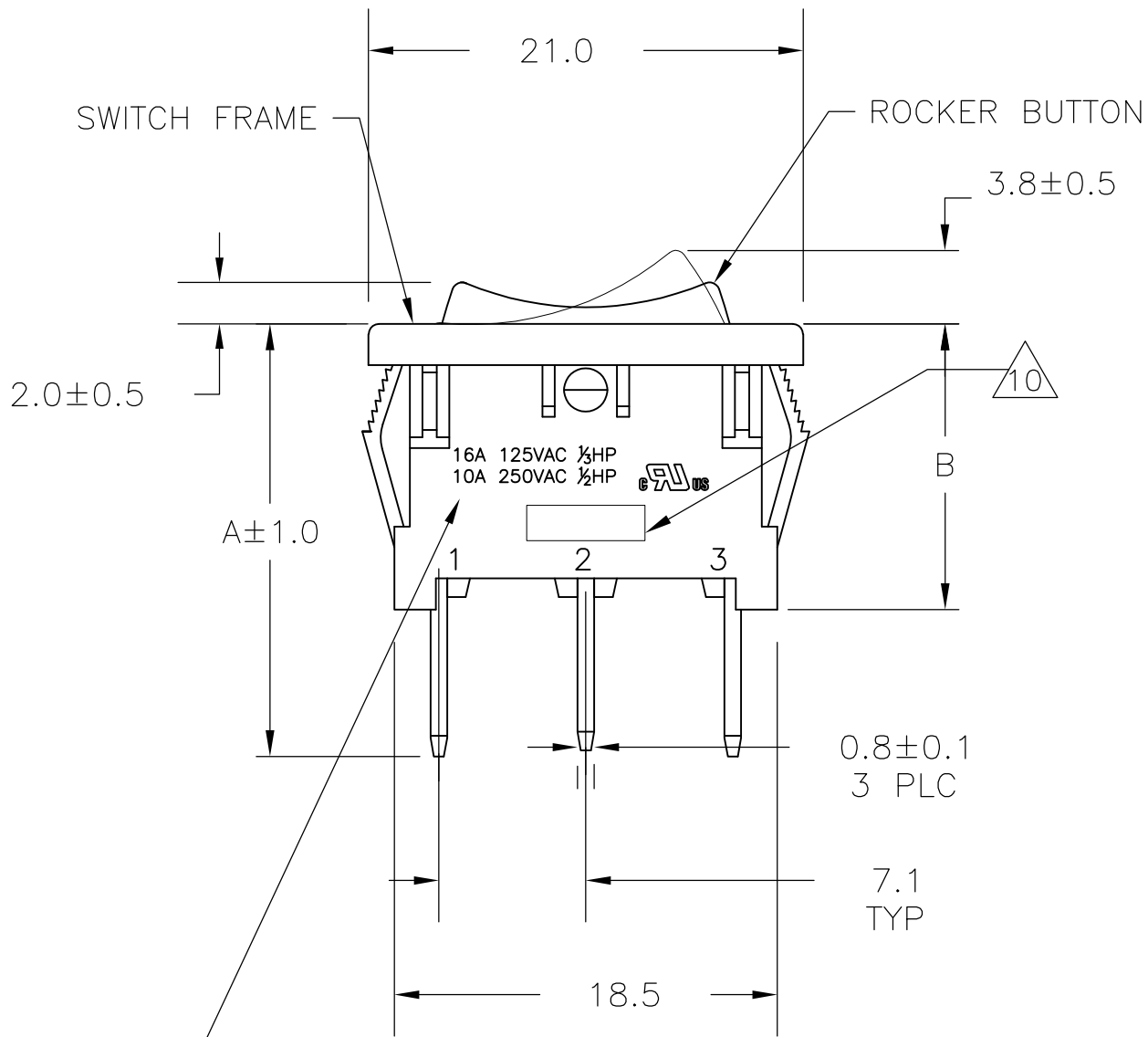
LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	APVD
		-	-	SEE SHEET 1	-	-



PANEL CUT OUT



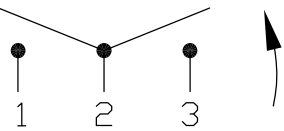
2.00-3.00	19.8-0.1	13.0+0.1
1.25-2.00	19.4-0.1	13.0+0.1
0.75-1.25	19.2-0.1	13.0+0.1
PANEL THICKNESS	X	Y



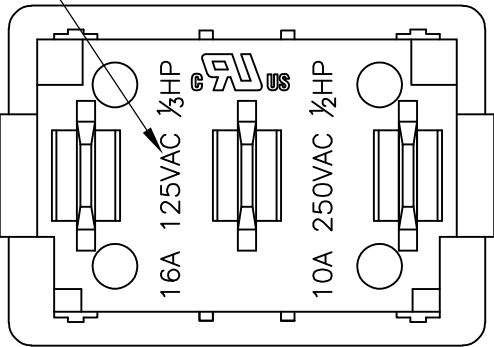
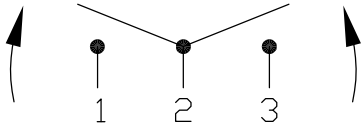
SWITCH FUNCTION D3
CIRCUIT DIAGRAM



SWITCH FUNCTION D4
CIRCUIT DIAGRAM



SWITCH FUNCTION D5
CIRCUIT DIAGRAM



1-1571079-4 SHOWN
(THREE ROCKER BUTTON POSITIONS)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002		 TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK J.MOSIER		NAME	
		APVD —		—		POWER ROCKER SWITCH, 13.0mm X 19.2mm PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE-THROW, THREE TERMINALS, NON-ILLUMINATED	
		PRODUCT SPEC		NOT APPLICABLE		SIZE A2	
		APPLICATION SPEC		NOT APPLICABLE			
		MATERIAL		FINISH			
				WEIGHT —		DRAWING NO C=1571079	
				CUSTOMER DRAWING		RESTRICTED TO —	
				SCALE 3:1		SHEET 2 of 3	
						REV L1	

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOCAD

DIST00

REVISIONS

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

ALCOSWITCH PART NUMBER

X₁X₂

X₃

X₄

X₅X₆

X₇X₈

X₉

X₁₀

X₁₁

X₁₂

X₁₃

X₁₄

SWITCH TYPE: X₁X₂ = PR - POWER ROCKER

NOMINAL PANEL CUT OUT SIZE: X₃ = A - 13.0x19.2

NUMBER OF POLES: X₄ = S - SINGLE

SWITCH FUNCTION: X₅X₆ = D1 - ON-ON WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON
D2 - ON-(ON) WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON
D3 - ON-OFF-ON WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON
D4 - ON-OFF-(ON) WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON
D5 - (ON)-OFF-(ON), WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON

CURRENT RATING: X₇X₈ = 16 - 6

TERMINAL TYPE: X₉ = E - FASTON™ TAB
L - SOLDER LUG

FRAME COLOR: X₁₀ = B - BLACK
W - WHITE

ROCKER COLOR: X₁₁ = B - BLACK
G - GREEN
R - RED
W - WHITE

SECONDARY ROCKER COLOR: X₁₂ = Ø - NOT APPLICABLE
B - BLACK
G - GREEN
R - RED
W - WHITE

LEGEND TEXT PATTERN: X₁₃ =

Ø

D

E

F

G

K

-

=

I

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LEGEND TEXT COLOR: X₁₄ = Ø - NOT APPLICABLE
G - GREEN
R - RED
B - BLACK
W - WHITE

1

MATERIALS:
ROCKER BUTTON & HOUSING FRAME: NYLON 66, UL 94 V-2.
TERMINAL, ACTIVE CONTACTOR: COPPER ALLOY PER ASTM B152/B152M
PLUNGER: COPPER ALLOY PER ASTM B036
PHENOLIC, UL94V1(SWITCH FUNCTION D5 ONLY)
SPRING: STEEL WIRE PER ASTM A228/A228M
CONTACT: SILVER-TIN OXIDE

2

FINISH:
TERMINAL, ACTIVE CONTACTOR: 1.0µm MIN SILVER
COPPER ALLOY PLUNGER: 3.0µm MIN NICKEL

3

ELECTRICAL SPECIFICATIONS:
CURRENT AND VOLTAGE: 6
CONTACT RESISTANCE (INITIAL): <100mΩ (5V, 1A DC)
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE
INSULATION RESISTANCE (INITIAL): >100MΩ MIN (500VDC BETWEEN OPEN CONTACTS)
INRUSH CURRENT: 50A / 3msec (CAPACITIVE LOAD)
ELECTRICAL LIFE ENDURANCE: >6000 OPERATIONS, VOLTAGE DROP: <100mV
TEMPERATURE RISE AT TERMINALS: <30°C, 6000 OPERATIONS (AMBIENT CONDITIONS: 25±2°C AND 65±5%R.H)

4

MECHANICAL SPECIFICATIONS:
ACTUATING FORCE: 150g MIN, 650g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL RETENTION STRENGTH: >2.5kg- SOLDER LUG
>6.8kg- FASTON TAB

5

ENVIRONMENTAL SPECIFICATIONS:
AMBIENT TEMPERATURE: -20°C TO +85°C
HUMIDITY: MAX 85%
SALT SPRAY: NO REMAKABLE RUST IN METAL PARTS. (5%SALT / 35°C 24HRS)
SHOCK: NO MECHANICAL DEFECT OR DAMAGE. (100g / 10MSEC/ X,Y,Z 3 TIMES)
VIBRATION: NO MECHANICAL DEFECT OR DAMAGE. (10-55Hz /1.5mm/ X,Y,Z 2HRS)

6

UL: 16A@125VAC ½HP / 10A@250VAC ½HP
ENEC: 10A 125V~, 6(3)A 250V~, µ25T85

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION NUMBERS,MOLDED APPROXIMATELY AS SHOWN ON THE SIDE AND/OR BOTTOM SURFACE(S) OF THE SWITCH HOUSING.

8

COMPONENT RECOGNIZED TO US & CANADIAN STANDARDS, UL FILE NO. E46765.

9

COMPONENT RECOGNIZED TO EUROPEAN STANDARDS (ENEC, PENDING VDE). MARKS LICENSE No. 40006757

10

TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN PER TEC 202-36

16.5	23.5	2	PRASD5-16F-BB0KW	1-1571079-6
16.5	23.5	2	PRASD4-16F-BB0GW	1-1571079-5
16.5	23.5	2	PRASD4-16F-BB0FW	1-1571079-4
16.5	23.5	2	PRASD4-16F-BB000	1-1571079-3
13.8	20.9	1	PRASD2-16F-BB0EW	1-1571079-2
13.8	20.9	1	PRASD2-16F-BB0DW	1-1571079-1
13.8	20.9	1	PRASD2-16F-BB000	1-1571079-0
16.5	23.5	2	PRASD3-16F-BB0GW	1571079-9
16.5	23.5	2	PRASD3-16F-BB0FW	1571079-8
16.5	23.5	2	PRASD3-16F-BB000	1571079-7
13.8	20.9	1	PRASD1-16F-BB0EW	1571079-6
13.8	20.9	1	PRASD1-16F-BB0DW	1571079-5
13.8	20.9	1	PRASD1-16F-BB000	1571079-4
B	A	SHEET REF.	ALCOSWITCH PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

0

1

2

3

4

PLC

±

-

±

0.30

±

0.05

±

-

±

-

±

-

ANGLES

FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.30

2 PLC ± 0.05

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

DWN
M.BINNER

CHK
J.MOSIER

APVD
-

PRODUCT SPEC
NOT APPLICABLE

APPLICATION SPEC
NOT APPLICABLE

WEIGHT
-

CUSTOMER DRAWING

25FEB2002

TE Connectivity

POWER ROCKER SWITCH, 13.0mm X 19.2mm
PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE-THROW,
THREE TERMINALS, NON-ILLUMINATED

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1571079

RESTRICTED TO
-

SCALE
3:1

SHEET
3 of 3

REV
L1

1471-9 (3/11)

1571079