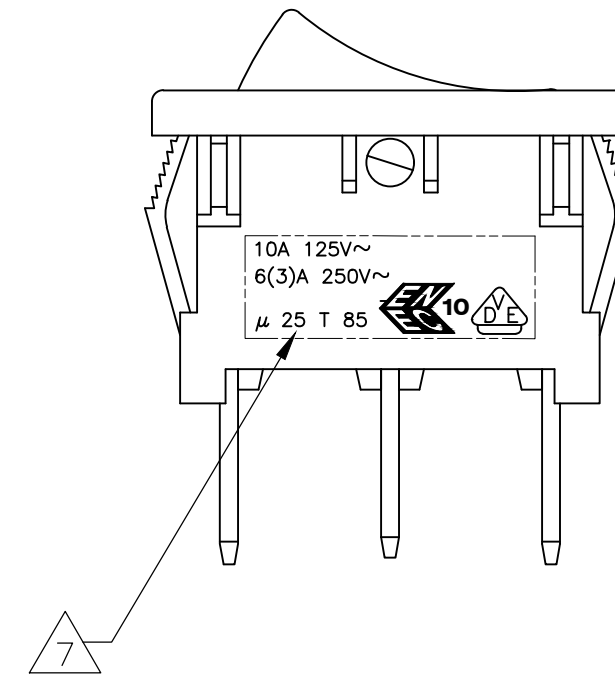
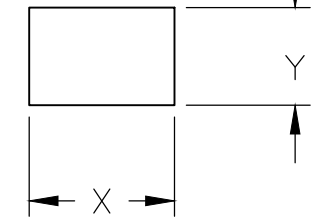
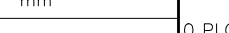




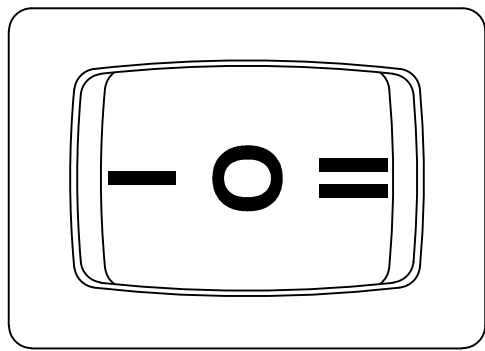
2.00–3.00	19.8–0.1	13.0+0.1
1.25–2.00	19.4–0.1	13.0+0.1
0.75–1.25	19.2–0.1	13.0+0.1
PANEL THICKNESS	X	Y



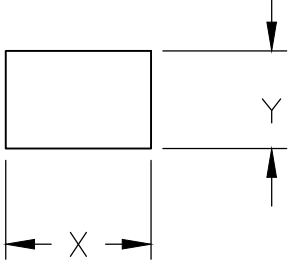
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER		25FEB2002		 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK J.MOSIER		NAME	
mm				APVD		POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED	
		0 PLC ± - 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC NOT APPLICABLE			
MATERIAL		FINISH		APPLICATION SPEC NOT APPLICABLE		RESTRICTED TO	
				WEIGHT 0		SIZE A2	
				00779		DRAWING NO C-1571079	
CUSTOMER DRAWING				SCALE 3:1		SHEET 1 OF 3	
						REV M	

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

D

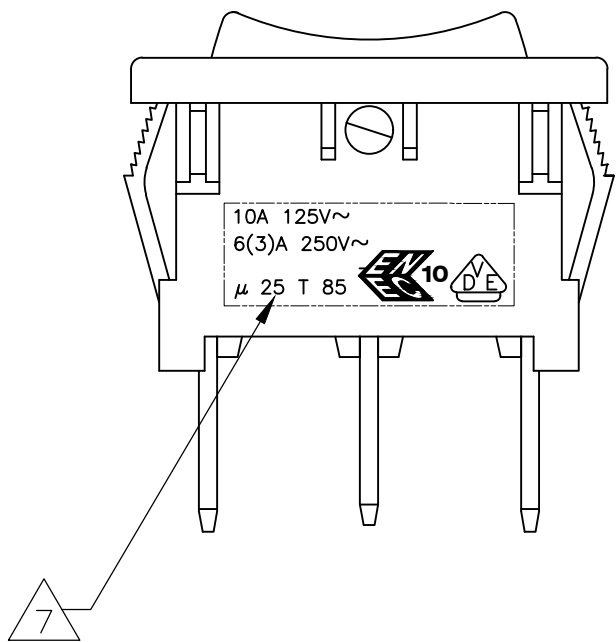
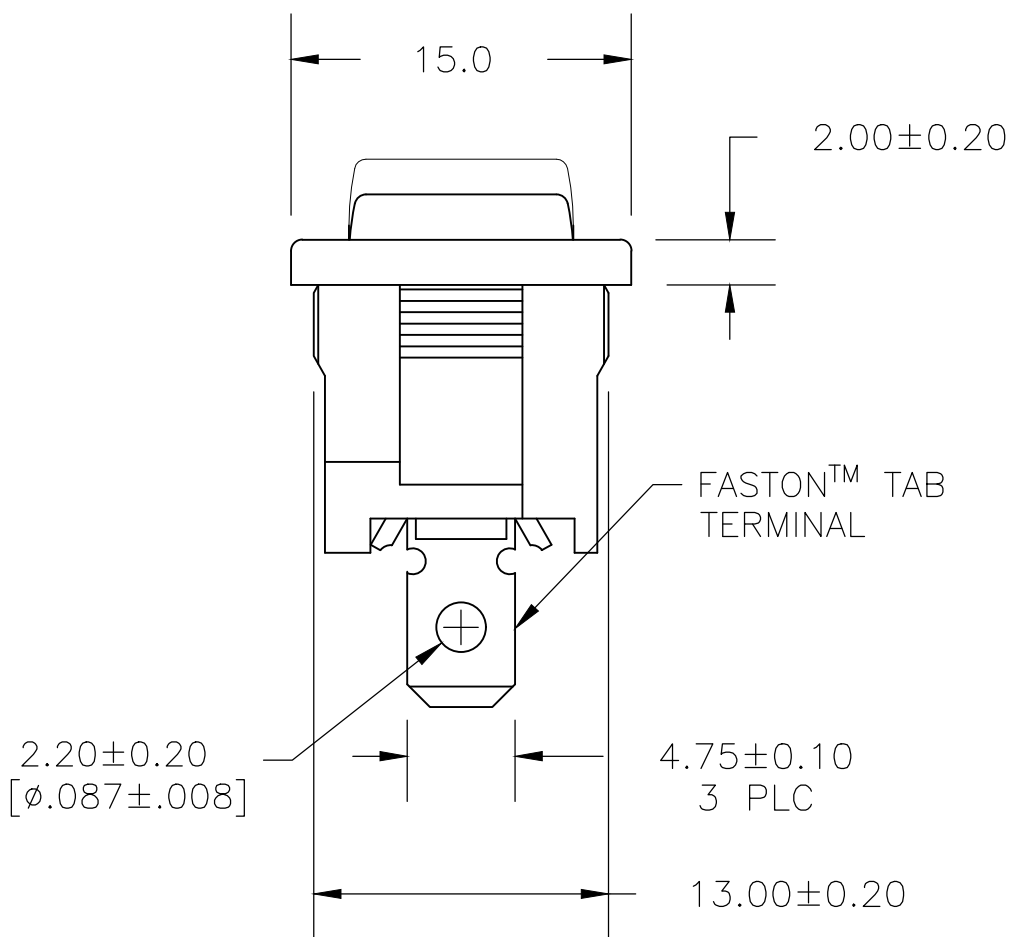
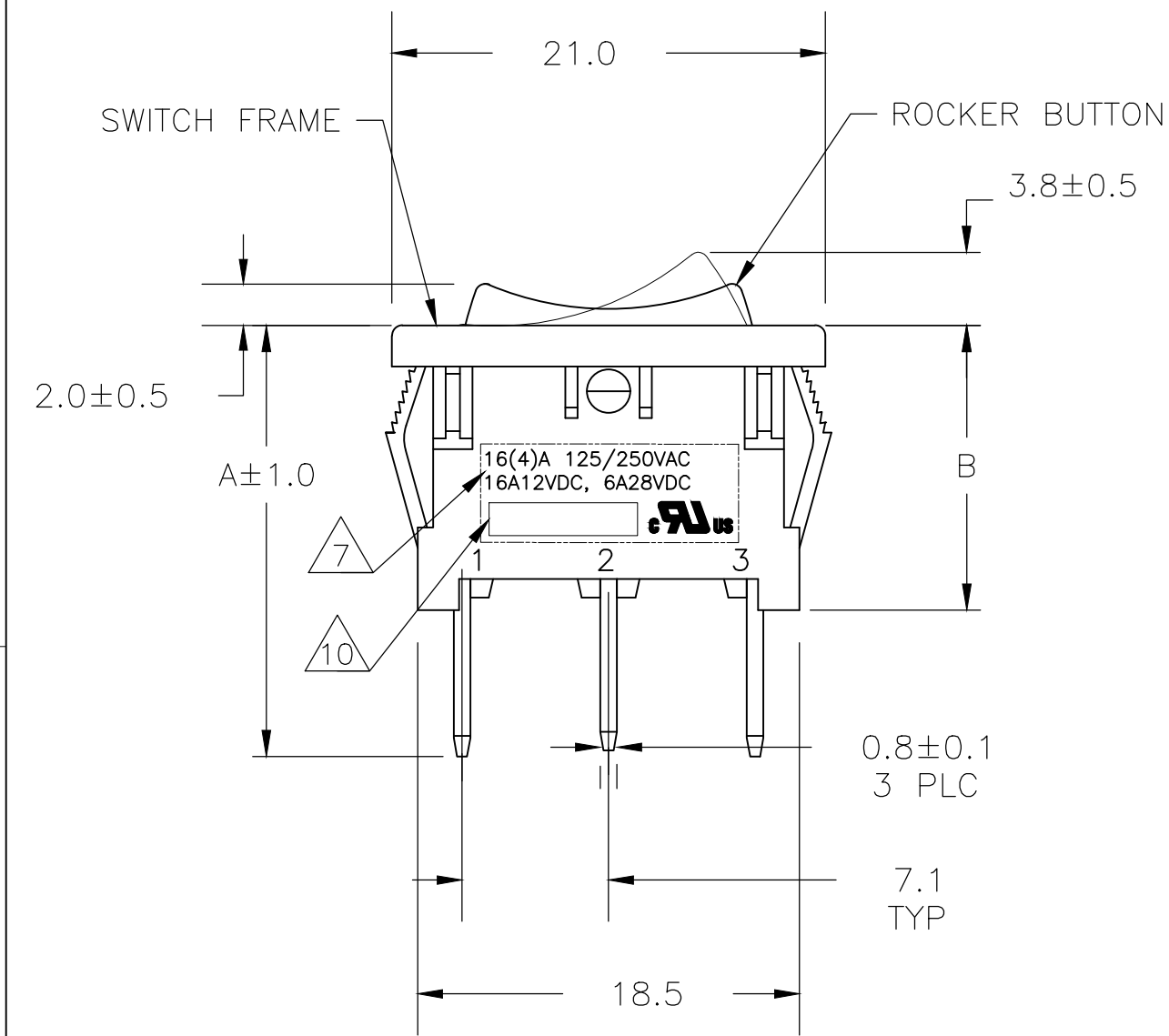


PANEL CUT OUT



D

C

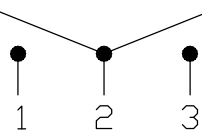


2.00-3.00	19.8-0.1	13.0+0.1
1.25-2.00	19.4-0.1	13.0+0.1
0.75-1.25	19.2-0.1	13.0+0.1
PANEL THICKNESS	X	Y

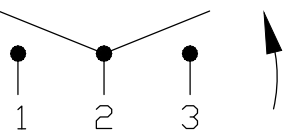
C

B

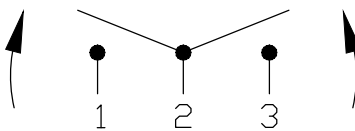
SWITCH FUNCTION D3
CIRCUIT DIAGRAM



SWITCH FUNCTION D4
CIRCUIT DIAGRAM



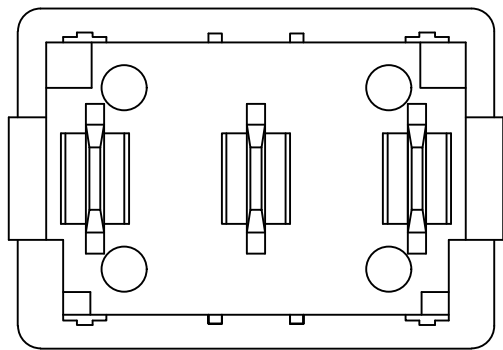
SWITCH FUNCTION D5
CIRCUIT DIAGRAM



1571079

B

A



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

A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	25FEB2002	TE Connectivity	
DIMENSIONS: mm		CHK J.MOSIER	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	-	NAME POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED	
0 PLC ± -		PRODUCT SPEC	NOT APPLICABLE	SIZE A2	
1 PLC ± 0.30		APPLICATION SPEC	NOT APPLICABLE	CAGE CODE 00779	
2 PLC ± 0.05		WEIGHT	-	DRAWING NO C=1571079	
3 PLC ± -		CUSTOMER DRAWING	SCALE 3:1	SHEET 2 of 3	
4 PLC ± -				REV M	
ANGLES ± -					
FINISH					

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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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

I

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F

-

○

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G

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○

||

K

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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: 16(4)A 125/250VAC / 16A12VDC 6A28VDC
ENEC: 10A 125V~, 6(3)A 250V~, µ25T85

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION NUMBERS,MOLDED APPROXIMATELY AS SHOWN ON THE SIDE.

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
OBSOLETE	16.5	23.5	2	PRASD4-16F-BB0GW	1-1571079-5
	16.5	23.5	2	PRASD4-16F-BB0FW	1-1571079-4
OBSOLETE	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
OBSOLETE	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
OBSOLETE	13.8	20.9	1	PRASD1-16F-BB0EW	1571079-6
OBSOLETE	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 PLC ± -

1 PLC ± 0.30

2 PLC ± 0.05

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC NOT APPLICABLE

APPLICATION SPEC NOT APPLICABLE

WEIGHT -

CUSTOMER DRAWING

DWN M.BINNER 25FEB2002

CHK J.MOSIER

APVD -

NAME

SIZE A2

CAGE CODE 00779

DRAWING NO C=1571079

RESTRICTED TO -

SCALE 3:1

SHEET 3 OF 3

REV M

TE Connectivity

POWER ROCKER SWITCH 13.0mmX19.2mm

PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED

1571079

1

1471-9 (1/15)