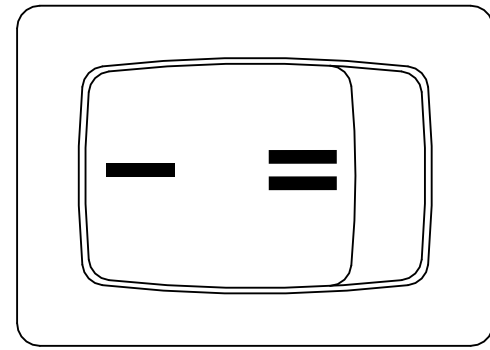
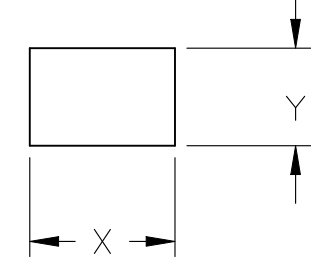


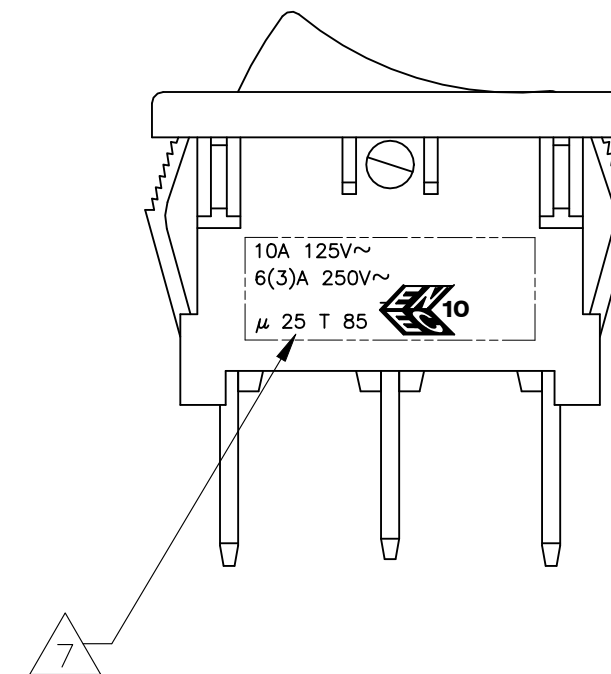
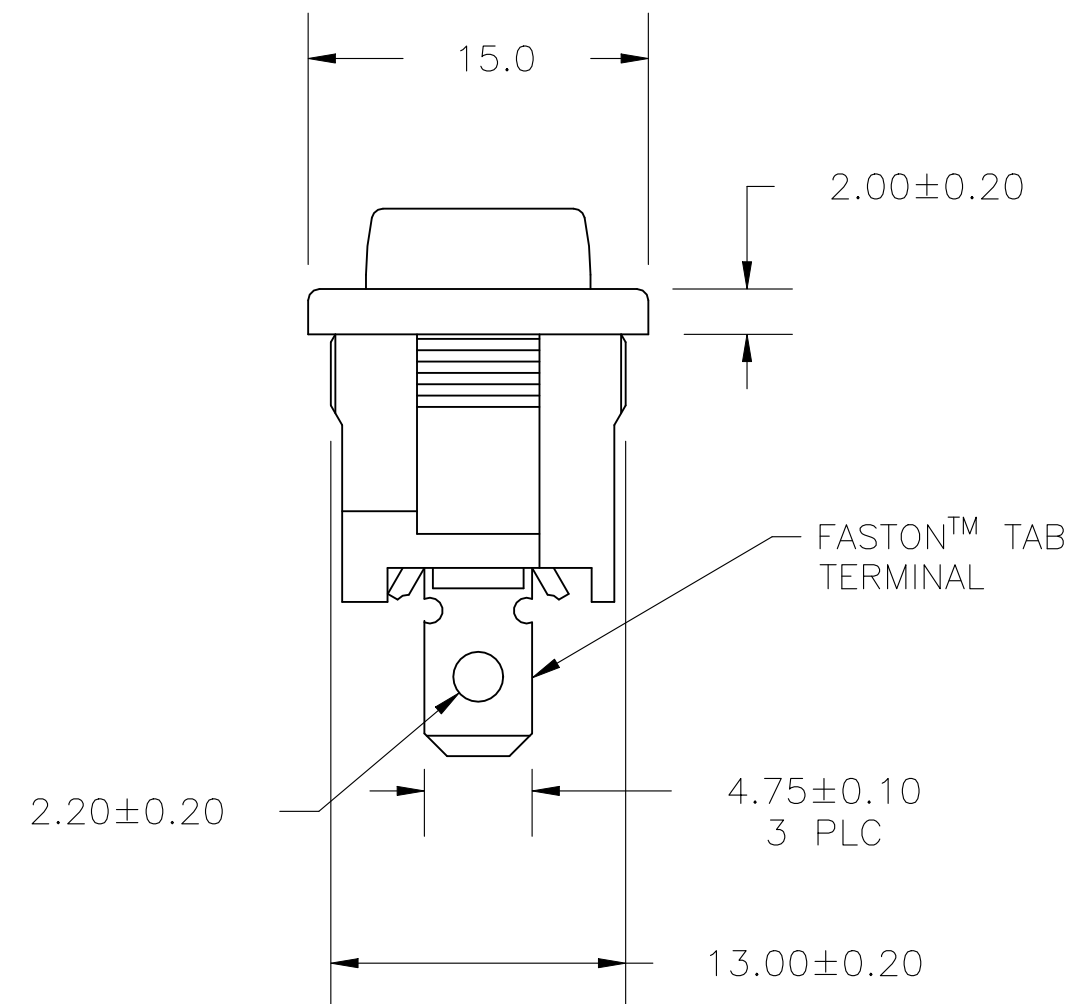
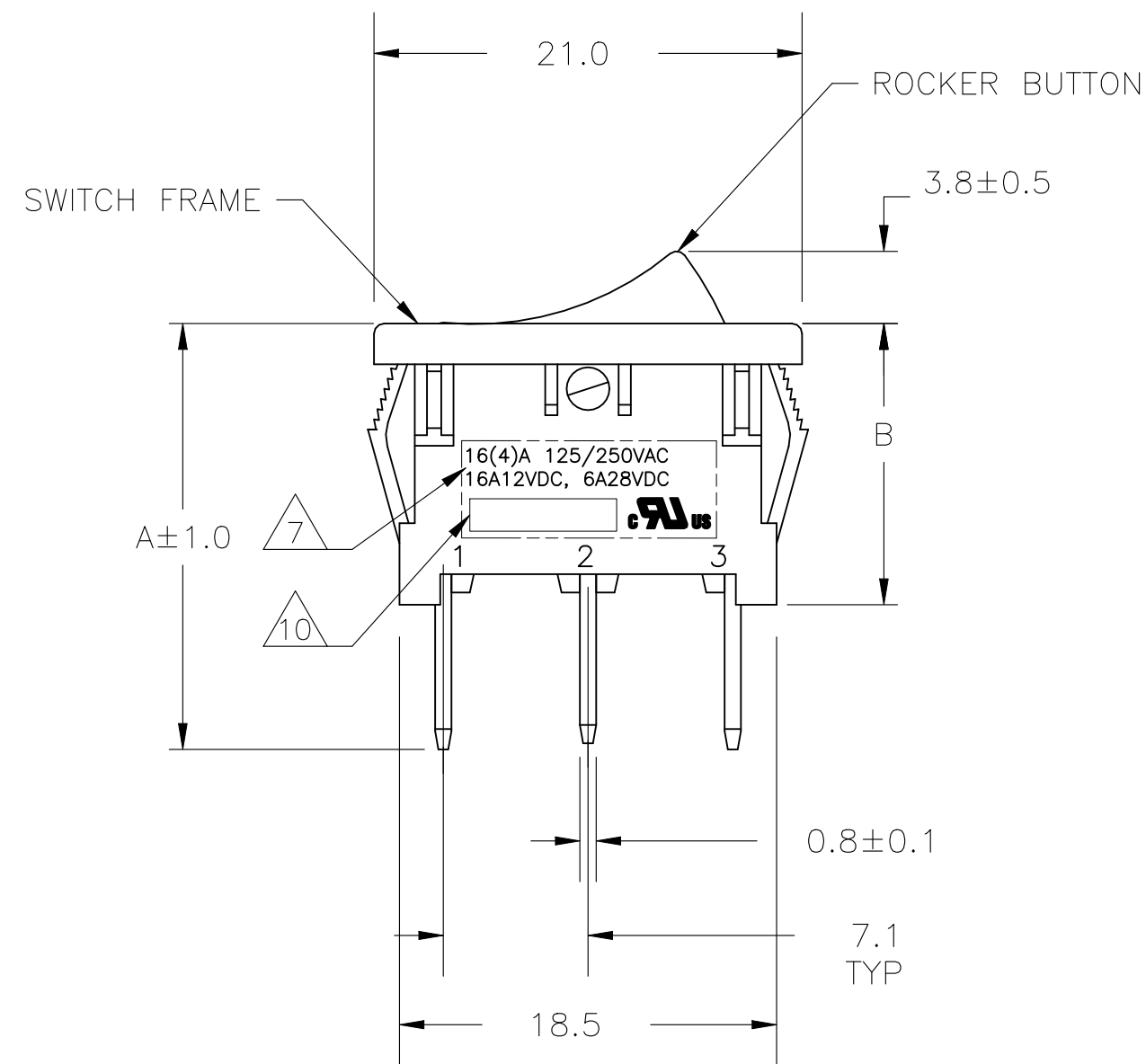
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	N	REVISED PER ECO-20-013571	17FEB2021	SR	JB



PANEL CUT OUT,

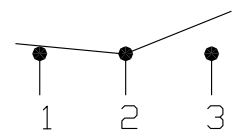


2.00–3.00	19.8–0.1	13.0+0.1
1.25–2.00	19.4–0.1	13.0+0.1
0.75–1.25	19.2–0.1	13.0+0.1
PANEL THICKNESS	X	Y

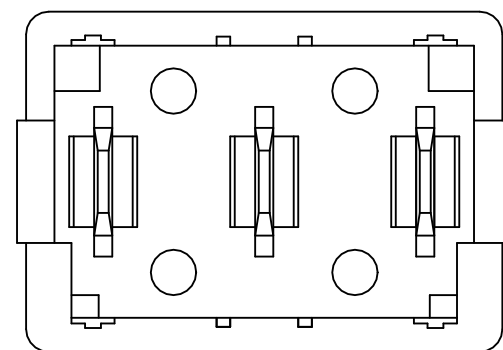
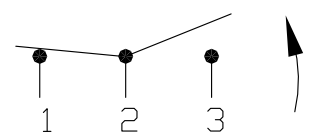


SWITCH FUNCTION D1

CIRCUIT DIAGRAM



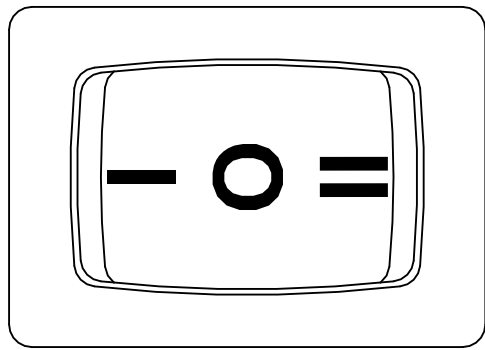
SWITCH FUNCTION D2 CIRCUIT DIAGRAM



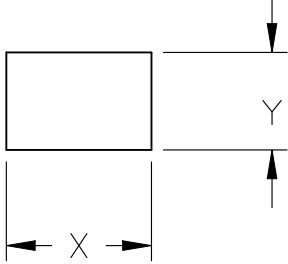
OBSOLETE—1571079—5—SHOWN
(TWO ROCKER BUTTON POSITIONS)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER		25FEB2002		 TE Connectivity Ltd.	
DIMENSIONS: mm		CHK J.MOSIER		-			
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD		-		NAME	
 0 PLC ± -  1 PLC ± 0.30  2 PLC ± 0.05  3 PLC ± -  4 PLC ± -  ANGLES ± -		PRODUCT SPEC		-		POWER ROCKER SWITCH 13.0mmX19.2mm	
 MATERIAL  FINISH		NOT APPLICABLE		-		PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED	
		APPLICATION SPEC		-		-	
		NOT APPLICABLE		-		-	
		WEIGHT		0		RESTRICTED TO	
		A2		00779		C-1571079	
		CUSTOMER DRAWING		SCALE		3.1	
		SHEET		1		OF 3	
		REV		N			

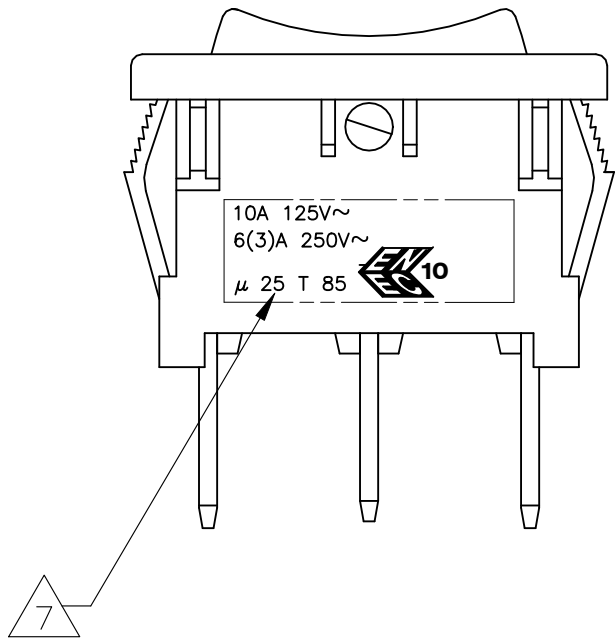
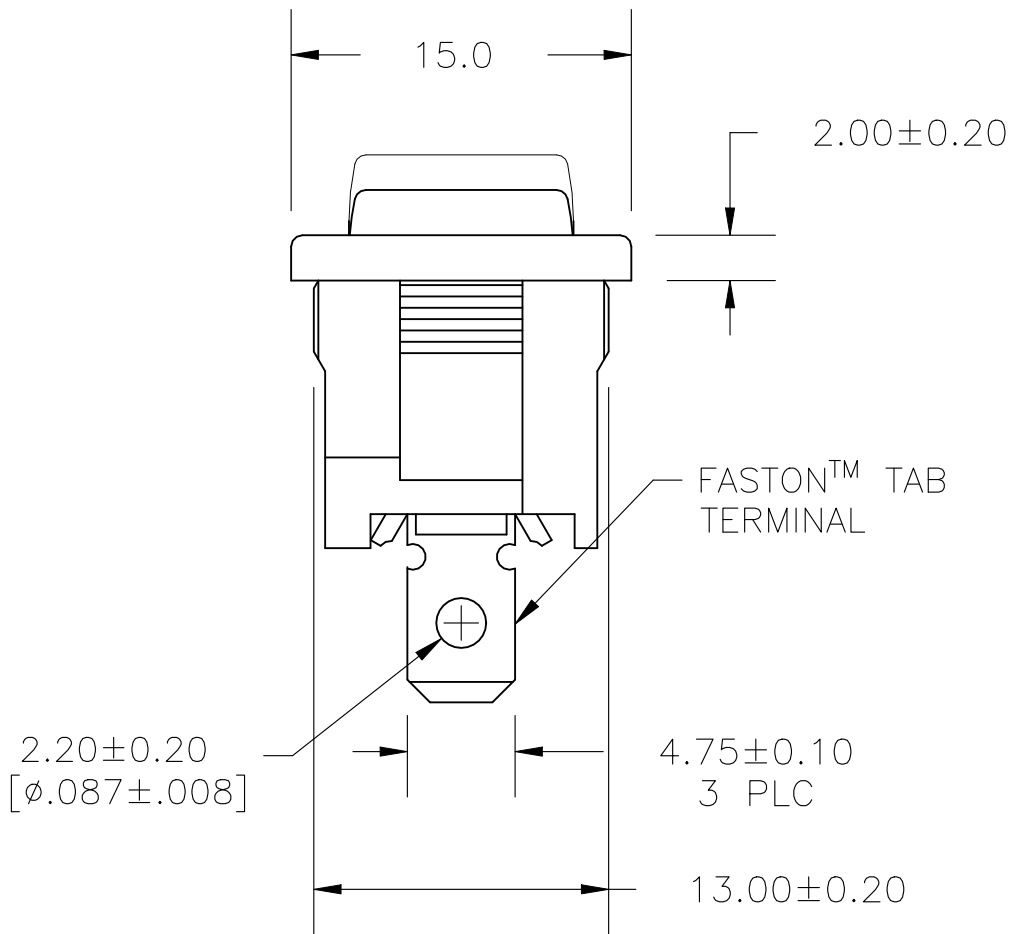
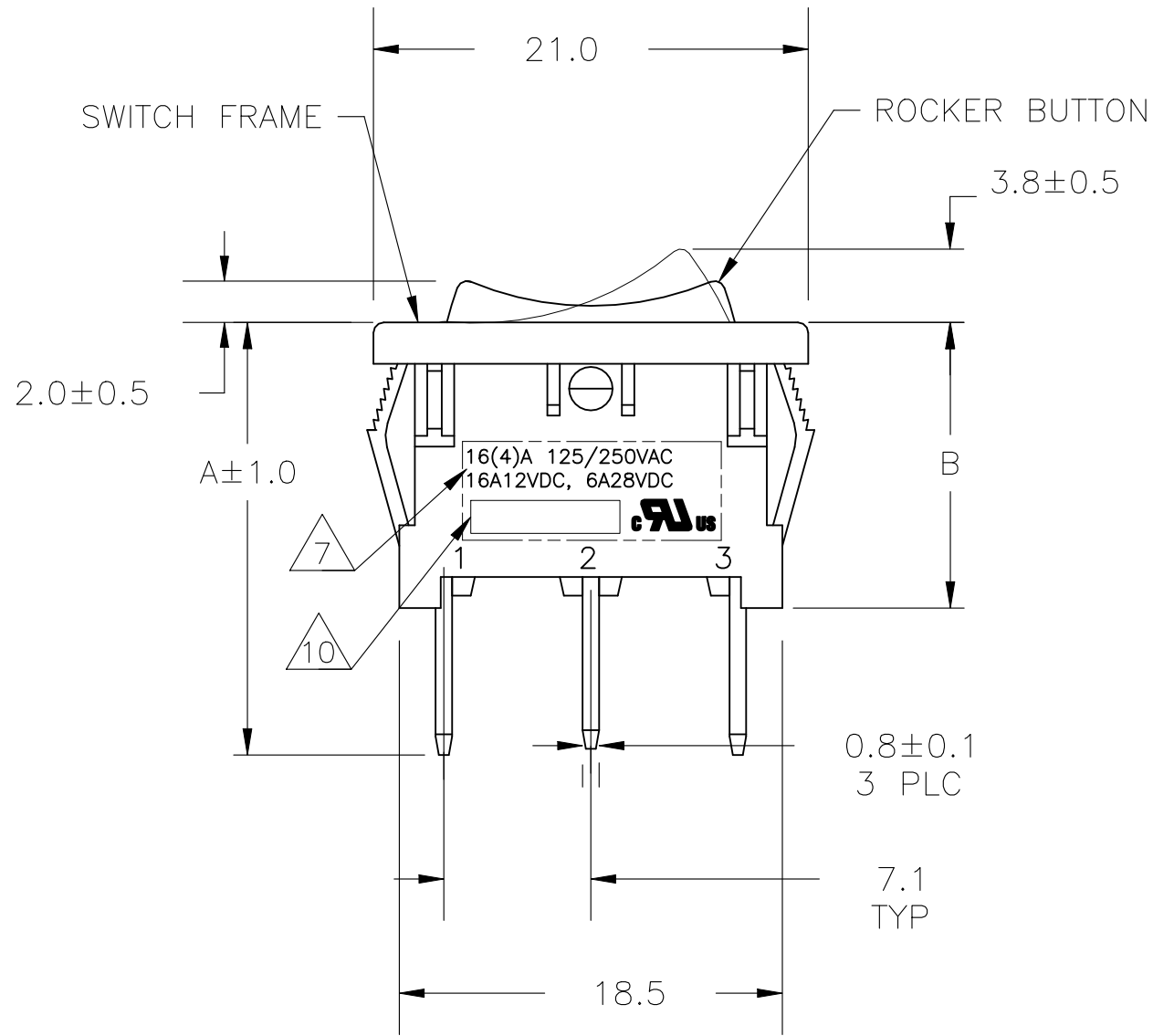
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



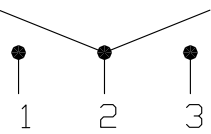
PANEL CUT OUT



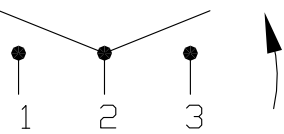
2.00-3.00	19.8-0.1	13.0+0.1
1.25-2.00	19.4-0.1	13.0+0.1
0.75-1.25	19.2-0.1	13.0+0.1
PANEL THICKNESS	X	Y



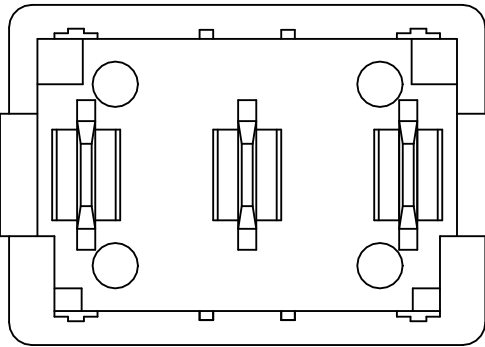
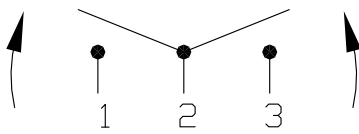
SWITCH FUNCTION D3
CIRCUIT DIAGRAM



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 Ltd.	
DIMENSIONS: mm		CHK J.MOSIER	-		
		APVD -	-	NAME POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED	
		PRODUCT SPEC	NOT APPLICABLE	-	
		APPLICATION SPEC	NOT APPLICABLE	-	
		FINISH	± -	-	
MATERIAL		WEIGHT	-	SIZE A2	CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C=1571079	RESTRICTED TO -
		SCALE	3:1	SHEET	2 OF 3
		REV	N		

4

3

2

1

© -TE Connectivity. All Rights Reserved.

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 = ∅ – NOT APPLICABLE
B – BLACK
G – GREEN
R – RED
W – WHITE

LEGEND TEXT PATTERN: X₁₃ =

∅

D

E

F

G

K

- =

I ||

- ○ =

I ○ ||

< ○ >

LEGEND TEXT COLOR: X₁₄ = ∅ – 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

NOTE REMOVED.

10

TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN

OBSELETE

16.5

23.5

2

PRASD5–16F–BB0KW

1–1571079–6

OBSELETE

16.5

23.5

2

PRASD4–16F–BB0GW

1–1571079–5

OBSELETE

16.5

23.5

2

PRASD4–16F–BB0FW

1–1571079–4

OBSELETE

16.5

23.5

2

PRASD4–16F–BB000

1–1571079–3

OBSELETE

13.8

20.9

1

PRASD2–16F–BB0EW

1–1571079–2

OBSELETE

13.8

20.9

1

PRASD2–16F–BB0DW

1–1571079–1

OBSELETE

13.8

20.9

1

PRASD2–16F–BB000

1–1571079–0

OBSELETE

16.5

23.5

2

PRASD3–16F–BB0GW

1571079–9

OBSELETE

16.5

23.5

2

PRASD3–16F–BB0FW

1571079–8

OBSELETE

16.5

23.5

2

PRASD3–16F–BB000

1571079–7

OBSELETE

13.8

20.9

1

PRASD1–16F–BB0EW

1571079–6

OBSELETE

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

DWN M.BINNER

CHK J.MOSIER

APVD –

PRODUCT SPEC NOT APPLICABLE

APPLICATION SPEC NOT APPLICABLE

WEIGHT –

CUSTOMER DRAWING

25FEB2002

–

–

NOT APPLICABLE

NOT APPLICABLE

–

–

TE Connectivity Ltd.

POWER ROCKER SWITCH 13.0mmX19.2mm

PANEL SIZE SPDT, 3 TERMINALS, NON–ILLUMINATED

–

A200779

C=1571079

–

3:1

3 of 3

N

1571079

1471–9 (1/15)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[PRASD3-16F-BB0GW](#)