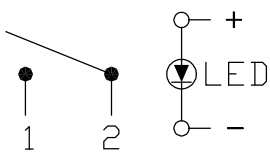
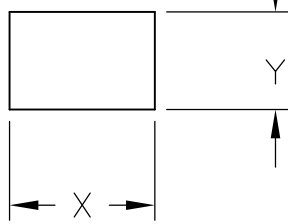


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	K	REVISED PER ECN-25-349252	16OCT2025	GSK	DM

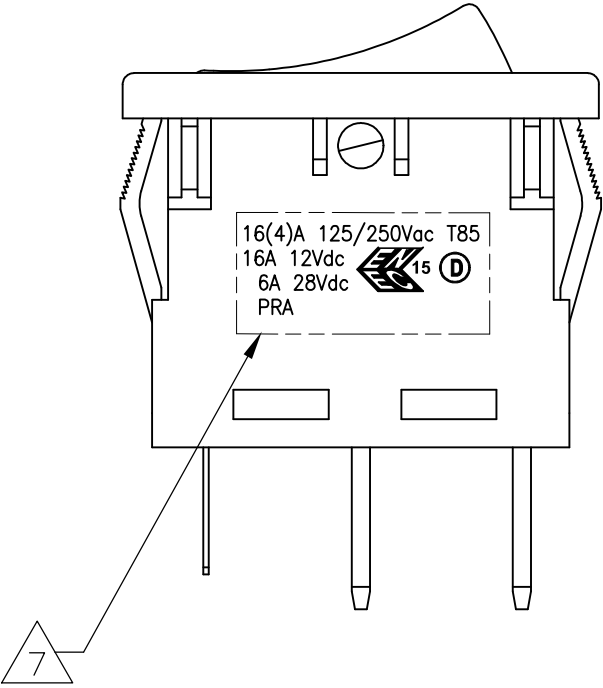
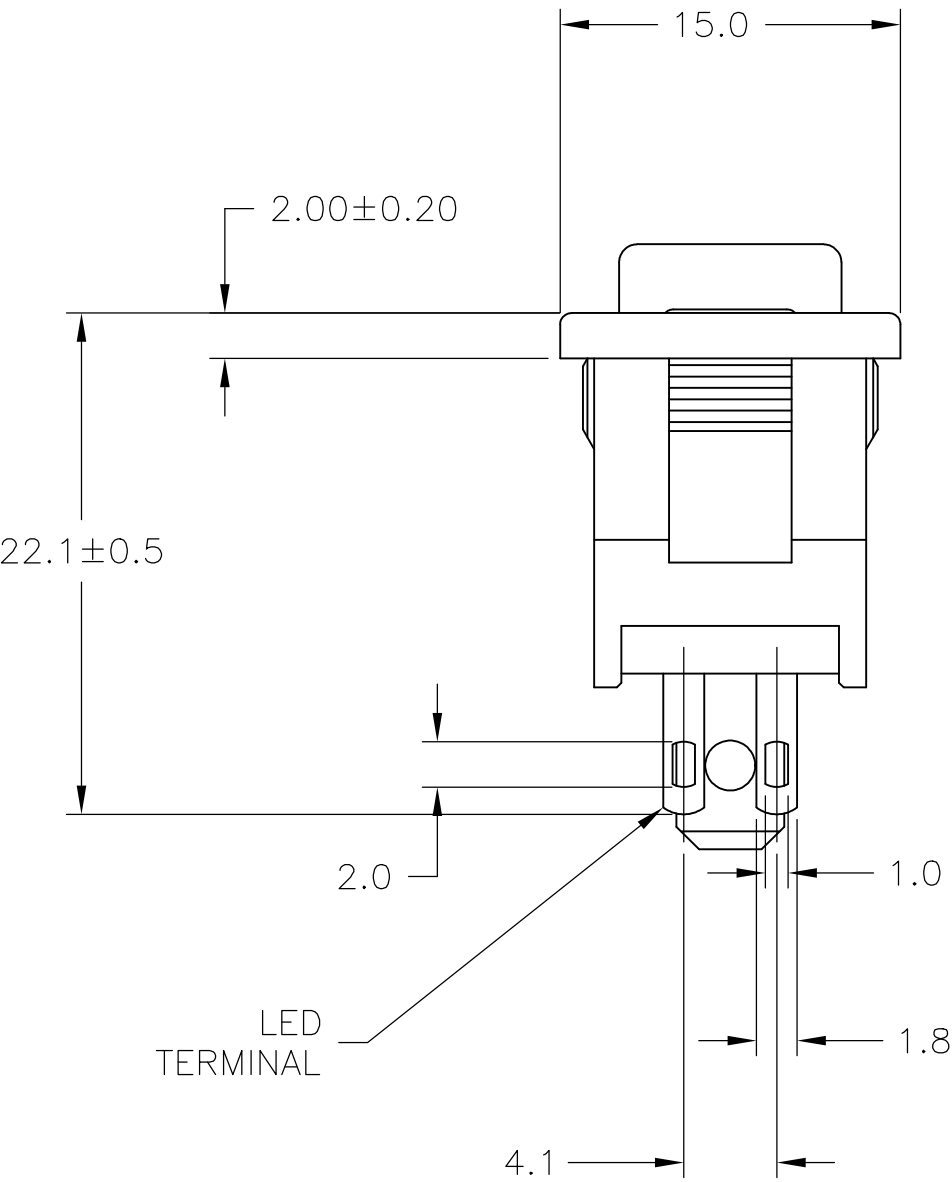
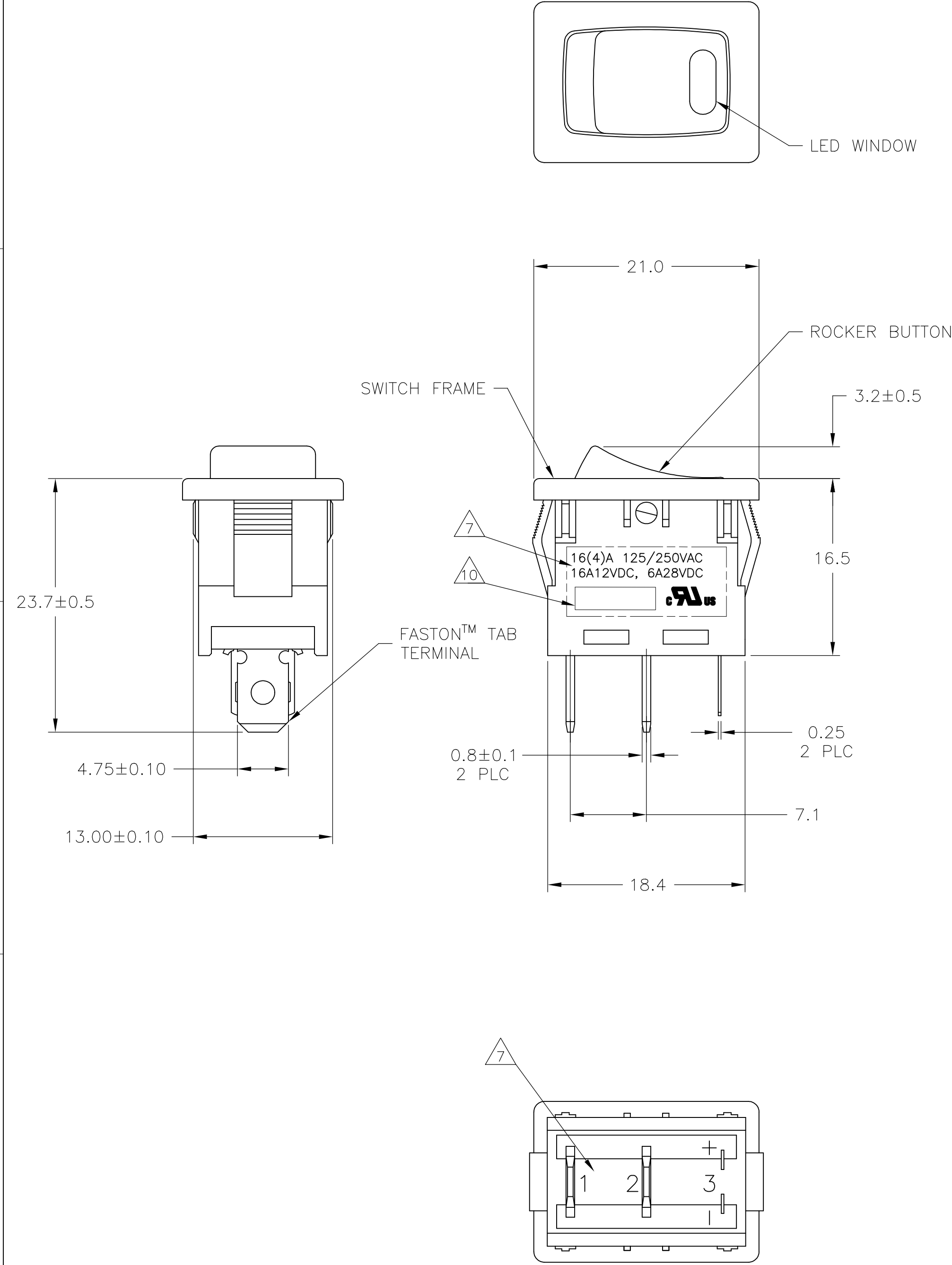
SWITCH FUNCTION C1
CIRCUIT DIAGRAM



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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM

MATERIAL

1

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	0.30
2 PLC	±	0.05
3 PLC	±	-
4 PLC	±	-
ANGLES	±	-

FINISH

2

DWN
M.BINNER
CHK
J.MOSIER
APVD
-

25FEB2002

PRODUCT SPEC
NOT APPLICABLE

APPLICATION SPEC
NOT APPLICABLE

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
PWR ROCKER SW, 13.0mm X 19.2mm, SPST, LED

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1571083

RESTRICTED TO
-

SCALE
3:1

SHEET
1 OF 2

REV
K

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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 = C1 — ON–OFF, OPAQUE, LED ILLUMINATED WINDOW, ROCKER BUTTON

CURRENT RATING: X₇X₈ = 16 —

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

LED COLOR: X₁₂ = A — AMBER
G — GREEN
R — RED

LEGEND TEXT PATTERN: X₁₃ =

LEGEND TEXT COLOR: X₁₄ = Ø — NOT APPLICABLE

1

MATERIALS:

ROCKER BUTTON & HOUSING: NYLON 66, UL 94 V–2.

LED WINDOW: POLYCARBONATE, UL 94 V–2

TERMINAL, ACTIVE CONTACTOR: COPPER ALLOY PER ASTM B152/B152M

LED TERMINALS, PLUNGER: COPPER ALLOY PER ASTM B036

SPRING: STEEL WIRE PER ASTM A228/A228M

CONTACT: SILVER–TIN OXIDE

2

FINISH:

TERMINAL, ACTIVE CONTACTOR: 1.0µm MIN SILVER

PLUNGER: 3.0µm MIN NICKEL

LED TERMINALS: 3.0µm MIN TIN

3

ELECTRICAL SPECIFICATIONS:

CURRENT AND VOLTAGE:

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)

LED — RED: FORWARD VOLTAGE 2.0 VDC AT 20mA FORWARD CURRENT

GREEN: FORWARD VOLTAGE 2.2 VDC AT 20mA FORWARD CURRENT

AMBER: FORWARD VOLTAGE 2.1 VDC AT 20mA FORWARD CURRENT

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 / 16A 12VDC, 6A 28VDC

ENEC: 16(4)A 125/250VAC / 16A 12VDC, 6A 28VDC

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION NUMBERS, LED POLARITY SYMBOLS , MOLDED APPROXIMATELY AS SHOWN ON THE SIDE AND BOTTOM SURFACES OF THE SWITCH HOUSING.

8

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

9

NOTE REMOVED.

10

TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN

PRASC1–16F–BBR00

ALCOSWITCH PART NUMBER

1571083–2

TYCO PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± –

1 PLC ± 0.30

2 PLC ± 0.05

3 PLC ± –

4 PLC ± –

ANGLES ± –

FINISH

DWN 25FEB2002

CHK –

APVD –

PRODUCT SPEC

NOT APPLICABLE

APPLICATION SPEC

NOT APPLICABLE

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME PWR ROCKER SW, 13.0mm X 19.2mm, SPST, LED

SIZE A2

CAGE CODE 00779

DRAWING NO C=1571083

RESTRICTED TO –

SCALE 3:1

SHEET 2 of 2

REV K

1471–9 (1/15)

1571083

A