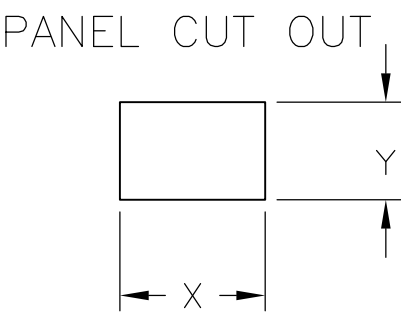
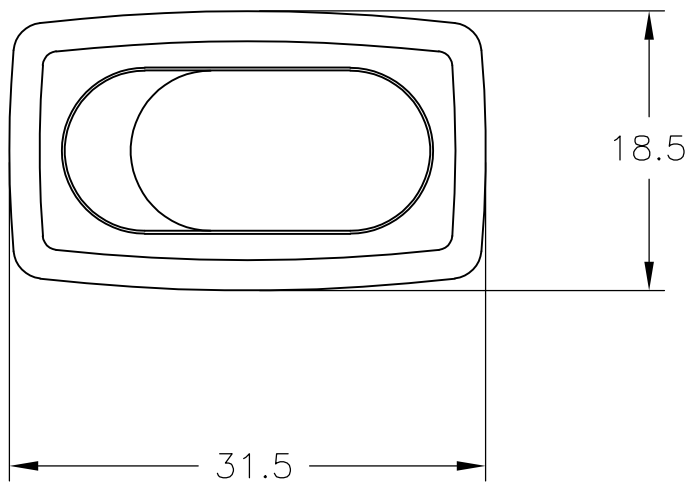


THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

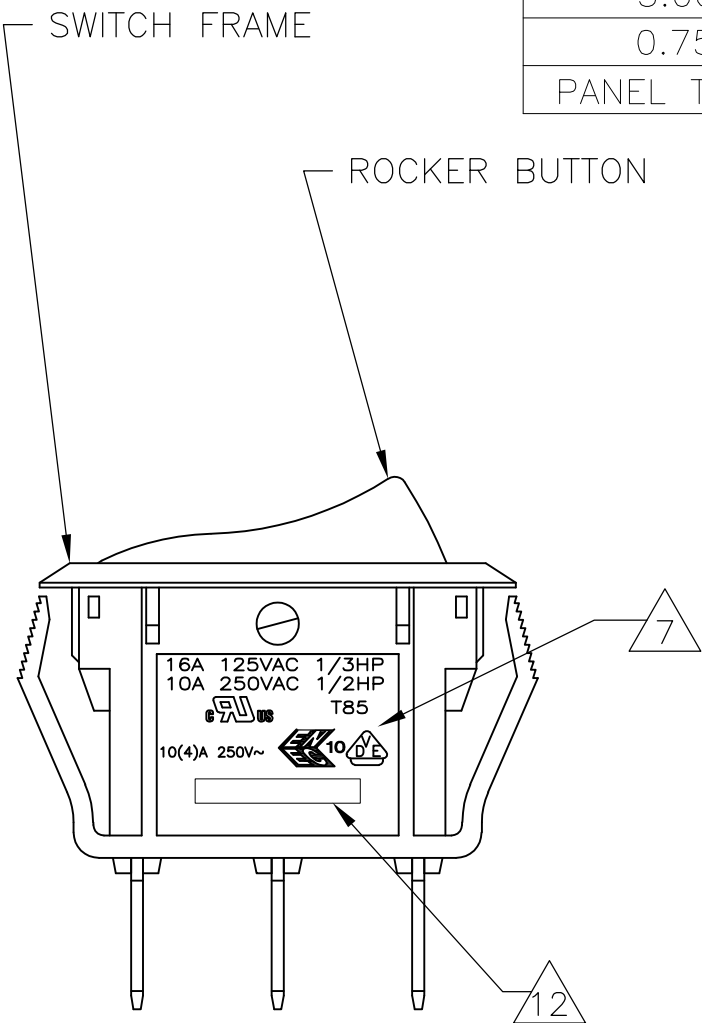
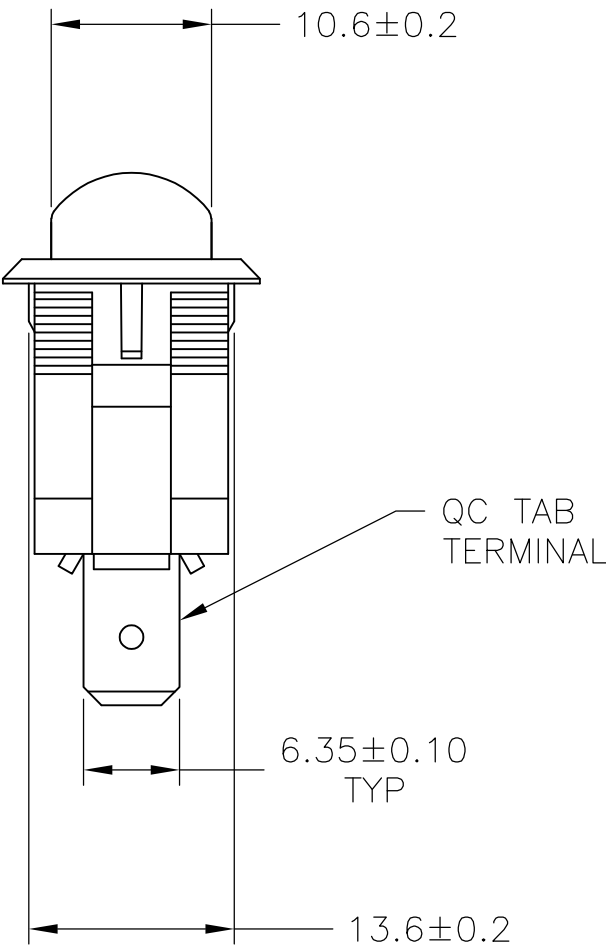
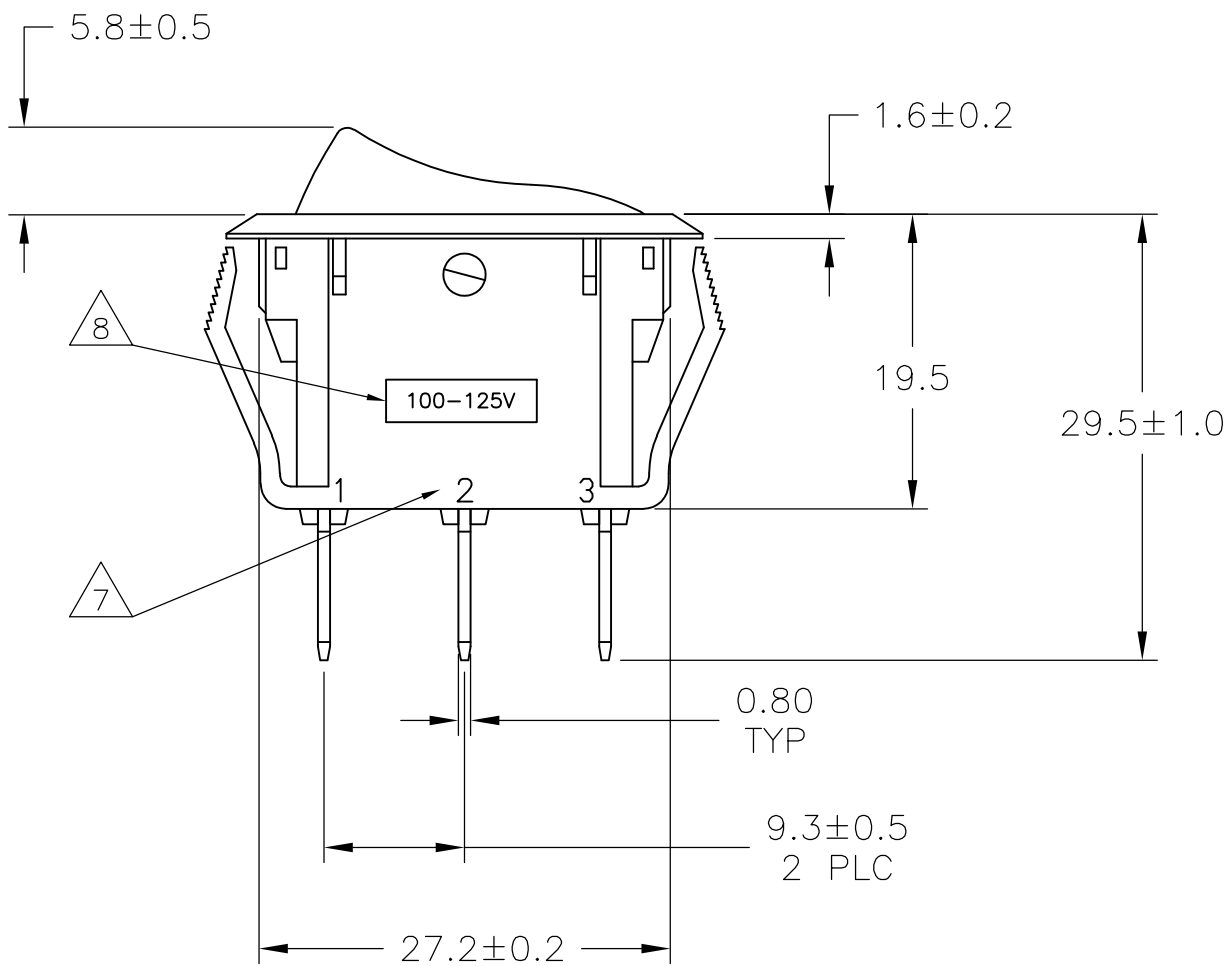
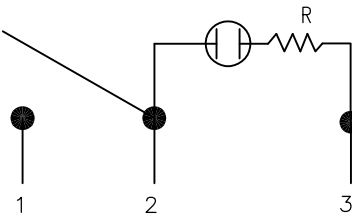
© COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL INTERNATIONAL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	DWN
			F2	REVISED PER ECO-10-005254	17MAR10	APVD
					HMR	NE

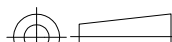


4.00-5.00	28.0-0.1	13.8+0.1
3.00-4.00	27.8-0.1	13.8+0.1
0.75-3.00	27.6-0.1	13.8+0.1
PANEL THICKNESS	X	Y

SWITCH FUNCTION B1 & B3
CIRCUIT DIAGRAM



1571092-1 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002		 Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK J.MOSIER		NAME	
		APVD —		PRODUCT SPEC		POWER ROCKER SWITCH, 13.8mm X 27.6mm PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW, THREE TERMINALS, LAMP-ILLUMINATED	
		1 PLC ± —		NOT APPLICABLE		SIZE A2	
		2 PLC ± 0.30		APPLICATION SPEC			
		3 PLC ± 0.05		NOT APPLICABLE			
4 PLC ± —		4 ANGLES ± —		CAGE CODE 00779		DRAWING NO C-1571092	
MATERIAL 		FINISH 		WEIGHT —		RESTRICTED TO —	
CUSTOMER DRAWING				SCALE 2:1		SHEET 1 of 2	
						REV F2	

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT

BY TYCO ELECTRONICS CORPORATION.

ALL INTERNATIONAL RIGHTS RESERVED.

LOC

DIST

AD00

REVISIONS

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

LEGACY PART NUMBER

X1X2X3X4X5X6

X7X8X9

X10X11X12X13X14

SWITCH TYPE: X1X2 = PR - POWER ROCKER

SECONDARY ROCKER COLOR: X12 = Ø - NOT APPLICABLE

NOMINAL PANEL CUT OUT SIZE: X3 = B - 13.8x27.6

NUMBER OF POLES: X4 = S - SINGLE

SWITCH FUNCTION: X5X6 = B1 - ON-OFF, TRANSPARENT, LAMP ILLUMINATED
ROCKER BUTTON (100-125 VAC LAMP VOLTAGE)
B3 - ON-OFF, TRANSPARENT, LAMP ILLUMINATED
ROCKER BUTTON (200-250 VAC LAMP VOLTAGE)

LEGEND TEXT PATTERN: X13 =

Ø

A

B

C

CURRENT RATING: X7X8 = 16 - 6

TERMINAL TYPE: X9 = F - QC TAB
L - SOLDER LUG

FRAME COLOR: X10 = B - BLACK
W - WHITE

ROCKER COLOR: X11 = A - AMBER
C - CLEAR
G - GREEN
R - RED

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

1

MATERIALS:
LAMP BASE & HOUSING: NYLON 66, UL 94 V-2.
ROCKER BUTTON: POLYCARBONATE UL 94 V-2.
TERMINAL (NOS. 1& 2), ACTIVE CONTACTOR: COPPER ALLOY PER ASTM B152/B152M
TERMINAL (NO. 3), PLUNGER: COPPER ALLOY PER ASTM B036
PLUNGER SPRING: STEEL WIRE PER ASTM A228/A228M
CONTACT: SILVER-TIN OXIDE
LAMP SPRING: STAINLESS STEEL WIRE
LAMP: GLASS-ENCLOSED NEON LAMP
LAMP RESISTOR: 33kΩ 1/8W RATED, (100-125V LAMP VOLTAGE)
150kΩ 1/8W RATED, (200-250V LAMP VOLTAGE)

2

FINISH:
ACTIVE CONTACTOR, TERMINALS (No. 1&2): 1.0µm MIN SILVER
PLUNGER: 3.0µm MIN NICKEL

3

ELECTRICAL SPECIFICATIONS:
CURRENT & VOLTAGE: 6
LAMP VOLTAGE: SWITCH FUNCTION B1, 100-125 VAC
SWITCH FUNCTION B3, 200-250 VAC
CONTACT RESISTANCE (INITIAL): <50mΩ
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,
TEMPERATURE RISE AT TERMINALS: <30°C, 6000 OPERATIONS
(AMBIENT CONDITIONS: 25±2°C AND 65±5%R.H)

4

MECHANICAL SPECIFICATIONS:
ACTUATING FORCE: 300g MIN, 700g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL RETENTION STRENGTH: >2.5kg- SOLDER LUG
>10.0kg- QC 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)
DEGREE OF PROTECTION: IP40

6

UL: 16A@125VAC 1/3 HP/10A@250VAC 1/2 HP
ENEC: 10(4)A 250V~

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION
NUMBERS, MOLDED APPROXIMATELY AS SHOWN ON THE SIDES OF THE SWITCH
HOUSING.

8

THE LAMP VOLTAGE RATING IS LISTED ON THE LABEL LOCATED ON THE SIDE
OF THE SWITCH HOUSING, APPROXIMATELY AS SHOWN.

9

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

10

COMPONENT-RECOGNIZED TO EUROPEAN STANDARDS
(ENEC & VDE) MARKS LICENSE NO 40020315

11

ROHS 2002/95/EC COMPLIANT

12

TYCO ELECTRONICS LOGO LOCATED APPROXIMATELY AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.30

2 PLC ± 0.05

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

MATERIAL

DWN

M.BINNER

25FEB2002

CHK

J.MOSIER

APVD

-

PRODUCT SPEC

NOT APPLICABLE

APPLICATION SPEC

NOT APPLICABLE

WEIGHT

-

CUSTOMER DRAWING

Tyco Electronics

Tyco Electronics Corporation

Harrisburg, PA 17105-3608

NAME

POWER ROCKER SWITCH, 13.8mm X 27.6mm
PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE
THROW, THREE TERMINALS, LAMP-ILLUMINATED

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1571092

RESTRICTED TO

-

SCALE

1:1

SHEET

2 of 2

REV

F2

1571092

B

A

3307-7 (1/08)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.