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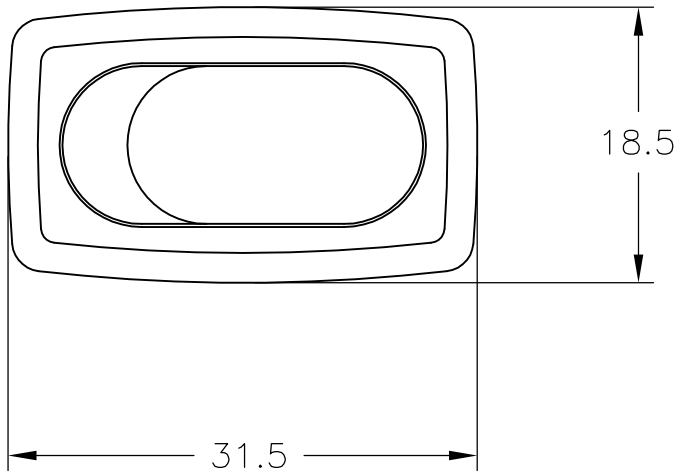
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F2	REVISED PER ECO-10-005254	17MAR10	HMR	NE
	F3	REVISED PER ECO-16-017354	07MAR2017	RK	AS

D

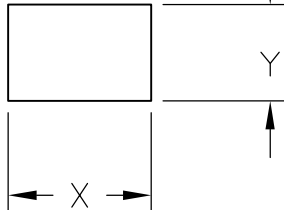
C

B

A



PANEL CUT OUT

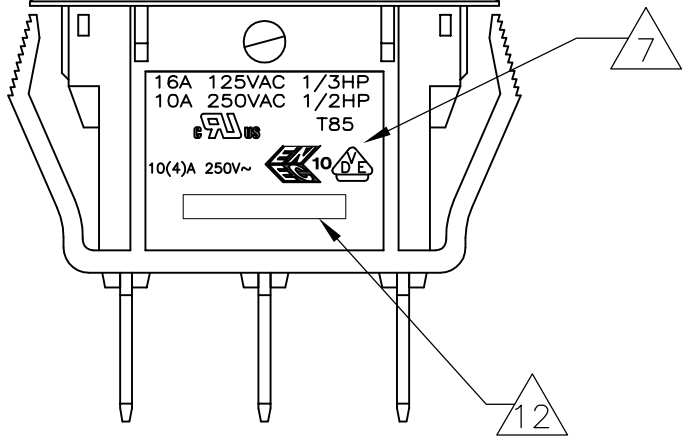
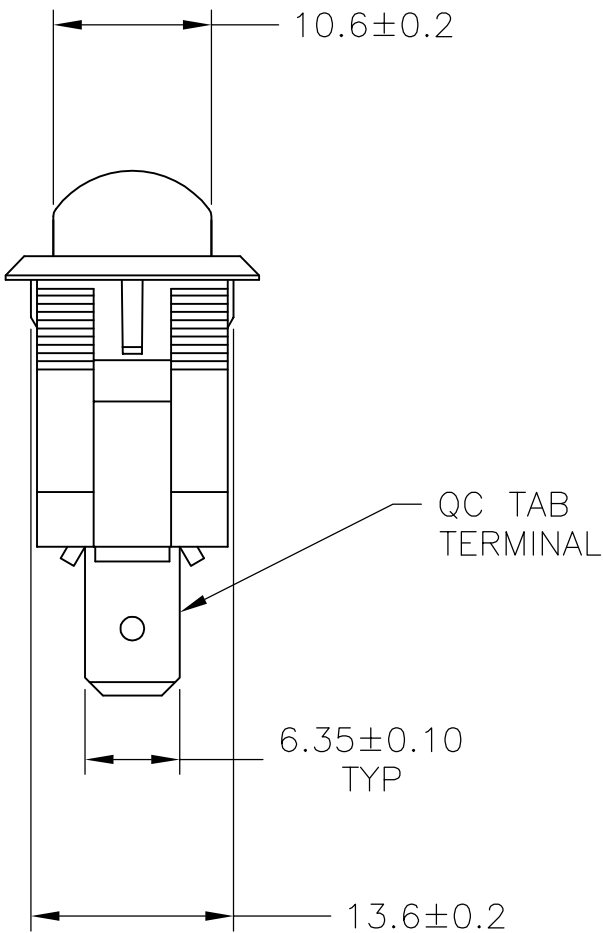
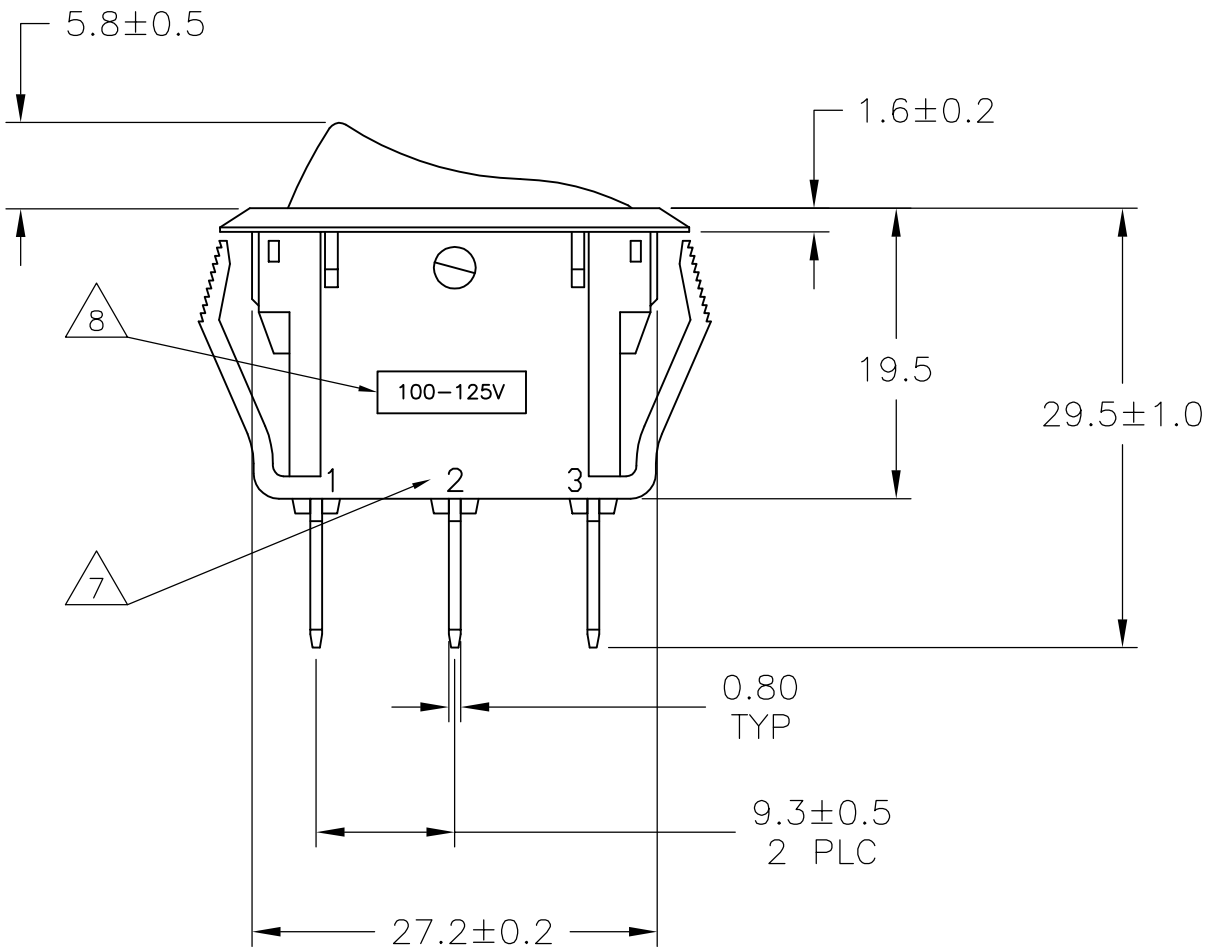
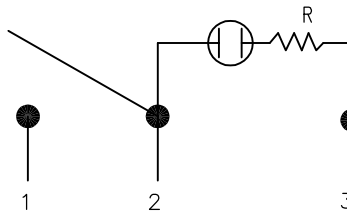


4.00-5.00	28.0-0.1	13.8+0.1
3.00-4.00	27.8-0.1	13.8+0.1
0.75-3.00	27.6-0.1	13.8+0.1
PANEL THICKNESS	X	Y

SWITCH FRAME

ROCKER BUTTON

SWITCH FUNCTION B1 & B3
CIRCUIT DIAGRAM



1571092-1 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002	TE Connectivity		
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 NOT APPLICABLE	POWER ROCKER SWITCH 13.8mmX27.6mm PANEL SIZE SPST 3 TERMINALS, LAMP-ILLUMINATED		
MATERIAL 1		APPLICATION SPEC NOT APPLICABLE	SIZE A2	CAGE CODE 00779	DRAWING NO. C-1571092
FINISH 2		WEIGHT 0	RESTRICTED TO —		
CUSTOMER DRAWING			SCALE 2:1	SHEET 1 of 2	REV F3

D

C

B

A

1571092

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REVISIONS

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

LEGACY PART NUMBER

X₁X₂

X₃

X₄

X₅X₆

—

X₇X₈

X₉

—

X₁₀X₁₁

X₁₂

X₁₃

X₁₄

SWITCH TYPE: X₁X₂ = PR — POWER ROCKER

SECONDARY ROCKER COLOR: X₁₂ = Ø — NOT APPLICABLE

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

LEGEND TEXT PATTERN: X₁₃ =

Ø

A

B

C

NUMBER OF POLES: X₄ = S — SINGLE

LEGEND TEXT COLOR: X₁₄ =

Ø

G

R

B

W

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)

CURRENT RATING: X₇X₈ = 16 — △6

FRAME COLOR: X₁₀ = B — BLACK
W — WHITE

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

TERMINAL TYPE: X₉ = E — QC TAB
L — SOLDER LUG

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: 33k Ω , 1/8W RATED, (100–125V LAMP VOLTAGE)
150k Ω , 1/8W RATED, (200–250V LAMP VOLTAGE)

2

FINISH:
ACTIVE CONTACTOR, TERMINALS (No. 1&2): 1.0 μ m MIN SILVER
PLUNGER: 3.0 μ m 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): <50m Ω
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE
INSULATION RESISTANCE (INITIAL): >100M Ω 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 ½ HP/10A@250VAC ½ 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

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DIMENSIONS:

mm

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
—

25FEB2002

PRODUCT SPEC
NOT APPLICABLE

APPLICATION SPEC
NOT APPLICABLE

WEIGHT
—

CUSTOMER DRAWING

NAME

POWER ROCKER SWITCH 13.8mmX27.6mm
PANEL SIZE SPST 3 TERMINALS, LAMP–ILLUMINATED

SIZE
A2

CAGE CODE
00779

DRAWING NO
1571092

RESTRICTED TO
—

SCALE
2:1

SHEET
2 of 2

REV
F3

TE Connectivity

TE

1571092

1471–9 (1/15)

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

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