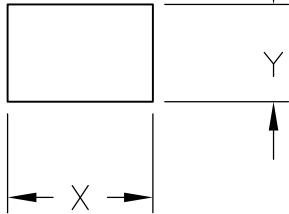
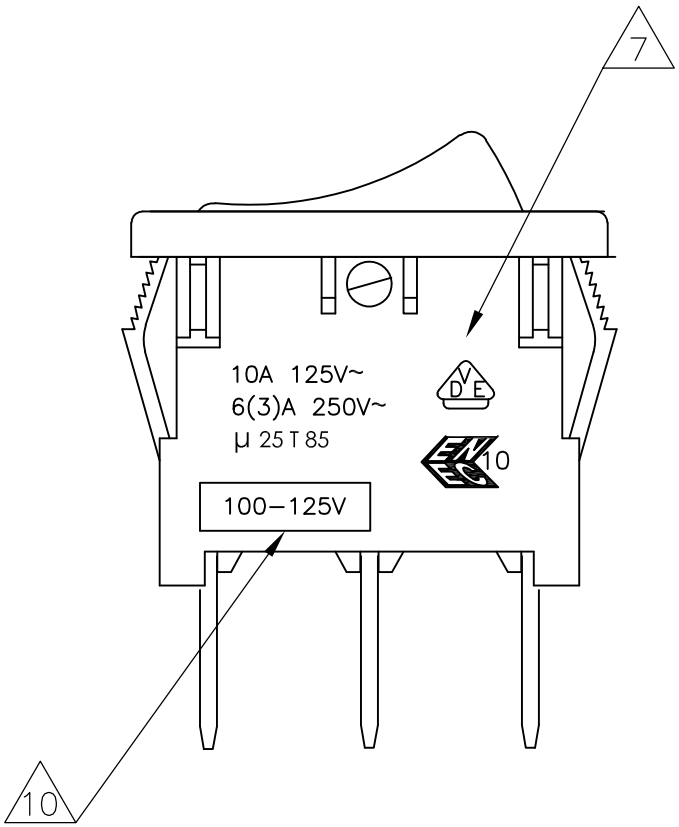
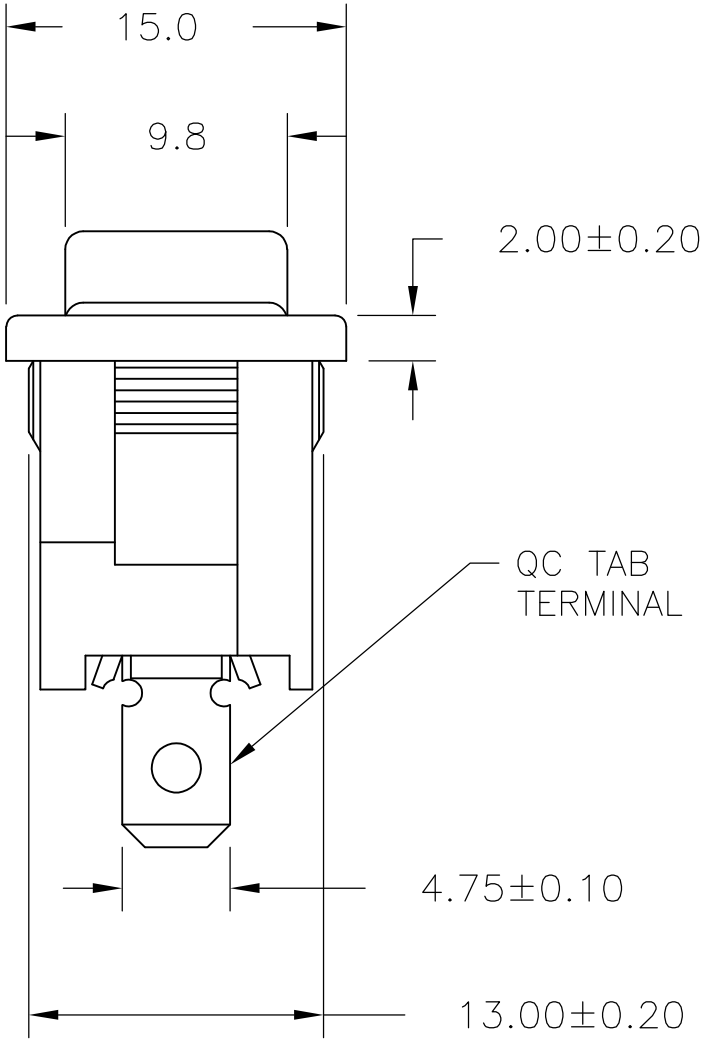
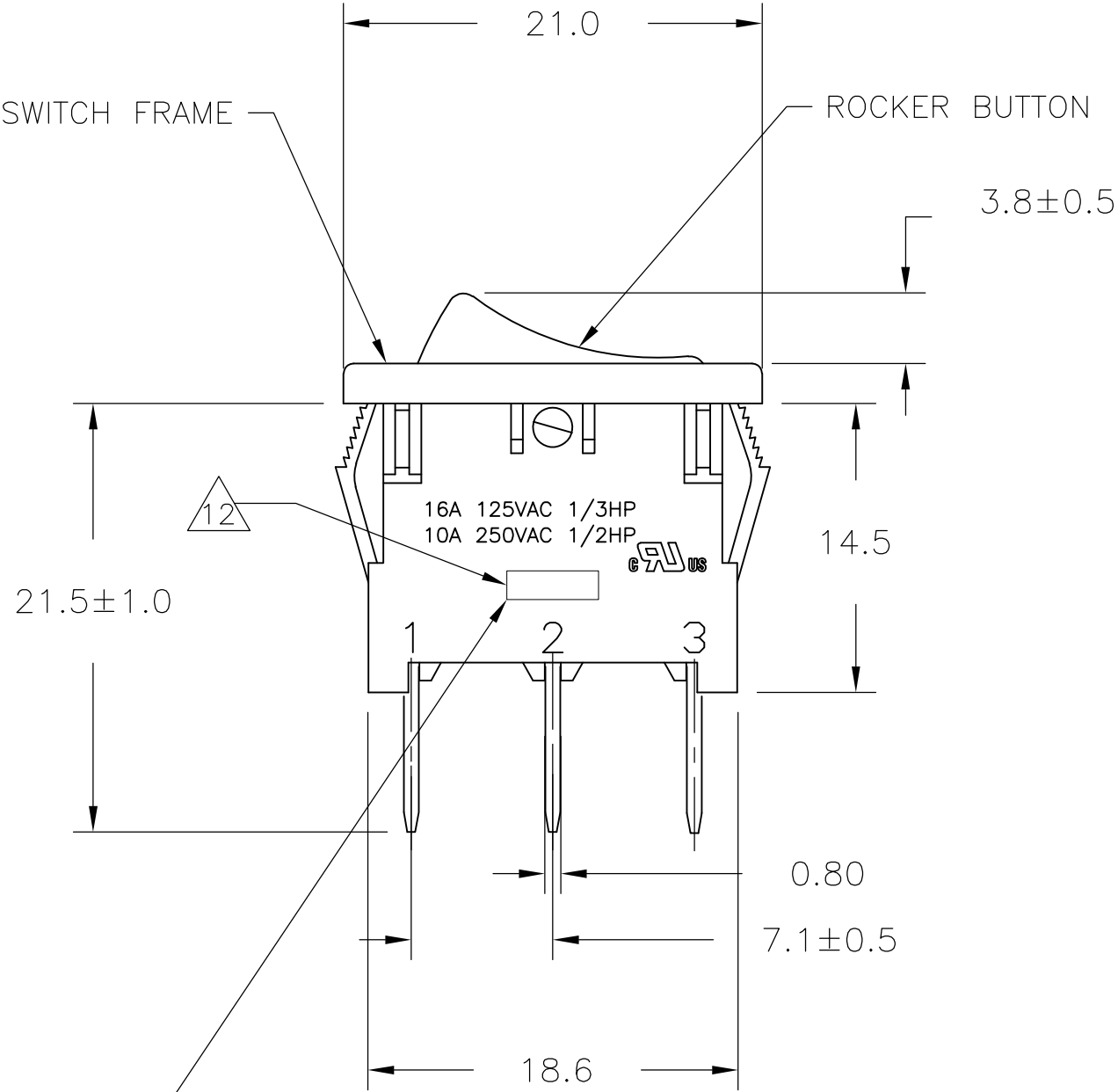


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
G1		REVISED PER ECO-10-005254	18MAR10	HMR	NE
G2		REVISED PER ECO-16-017354	03MAR2017	RK	AS

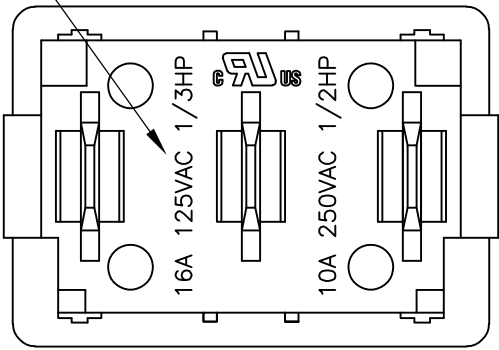
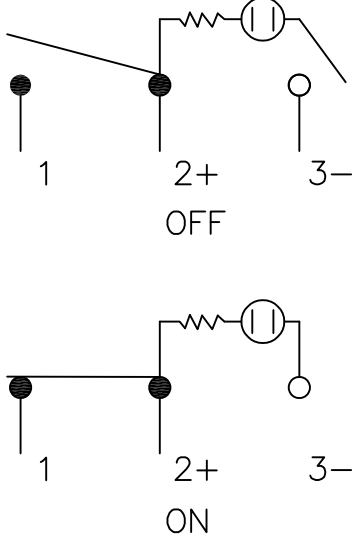
PANEL CUT OUT



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 B1 & B3
CIRCUIT DIAGRAM



OBSOLETE 5-1571078-2 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 ± -		PRODUCT SPEC		POWER ROCKER SWITCH 13.0mmX19.2mm PANEL	
1 PLC ± 0.30		NOT APPLICABLE		SIZE SPST 3 TERMINALS, LAMP ILLUMINATED	
2 PLC ± 0.05		APPLICATION SPEC		SIZE	
3 PLC ± -		NOT APPLICABLE		CAGE CODE	
4 PLC ± -		WEIGHT		DRAWING NO	
ANGLES ± -		CUSTOMER DRAWING		RESTRICTED TO	
FINISH		SCALE 3:1		SHEET 1 of 3	
MATERIAL		REV G2		REV	

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LEGACY PART NUMBER

X₁X₂

X₃

X₄

X₅X₆

X₇X₈

X₉

X₁₀X₁₁X₁₂X₁₃X₁₄

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 =
B1 : ON-OFF, TRANSPARENT, LAMP ILLUMINATED,
ROCKER BUTTON (100-125 VAC LAMP VOLTAGE)
B2 : ON-OFF, OPAQUE, LAMP ILLUMINATED WINDOW,
ROCKER BUTTON (100-125 VAC LAMP VOLTAGE)
B3 : ON-OFF, TRANSPARENT, LAMP ILLUMINATED,
ROCKER BUTTON (200-250 VAC LAMP VOLTAGE)
B4 : ON-OFF, OPAQUE, LAMP ILLUMINATED WINDOW,
ROCKER BUTTON (200-250 VAC LAMP VOLTAGE)

CURRENT RATING: X₇X₈ = 16 -

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

FRAME COLOR: X₁₀ = B - BLACK
W - WHITE

ROCKER COLOR: X₁₁ = A - AMBER
B - BLACK
C - CLEAR
G - GREEN
R - RED
W - WHITE

SECONDARY ROCKER COLOR
(FOR THE LAMP WINDOW): X₁₂ = Ø - NOT APPLICABLE
A - AMBER
C - CLEAR
G - GREEN
R - RED

LEGEND TEXT PATTERN: X₁₃ =

.

o -

o |

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

1

MATERIALS:
LAMP BASE & HOUSING FRAME: NYLON 66, UL 94 V-2.
ROCKER BUTTON: NYLON 66 OR POLYCARBONATE, UL 94 V-2.
ROCKER BUTTON WINDOW, 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.
SPRING: STEEL WIRE PER ASTM A228/A228M
CONTACT: SILVER-TIN OXIDE
LAMP: NEON
RESISTOR: 150kW, 1/8W RATED, 250VAC
33kW, 1/8W RATED, 125VAC

2

FINISH:
TERMINAL (NOS. 1&2), ACTIVE CONTACTOR: 1.0µm MIN SILVER
PLUNGER: 3.0µm MIN NICKEL

3

ELECTRICAL SPECIFICATIONS:
CURRENT AND VOLTAGE:
LAMP VOLTAGE: SWITCH FUNCTION B1 & B2, 100-125 VAC
SWITCH FUNCTION B3 & B4, 200-250 VAC
CONTACT RESISTANCE (INITIAL): <100mW (5V, 1A DC)
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE
INSULATION RESISTANCE (INITIAL): >100MW 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: 150g MIN, 650g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL RETENTION FORCE: >2.5kg- SOLDER LUG
>6.8kg- 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)

6

UL: 16A@125VAC 1/3HP, 10A@250VAC 1/2HP
ENEC: 10A@125VAC, 6(3)A 250V~, µ25T85

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION NUMBERS,
AND THE TYCO/ELECTRONICS LOGO, MOLDED APPROXIMATELY AS SHOWN ON THE SIDE
AND BOTTOM SURFACES OF THE SWITCH HOUSING.

8

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

9

COMPONENT RECOGNIZED TO EUROPEAN STANDARDS (ENEC & VDE). MARKS LICENSE No. 40006757

10

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

11

ROHS 2002/95/EC COMPLIANT

12

TYCO ELECTRONICS LOGO LOCATED APPROXIMATLY AS SHOWN PER TEC 202-36.'

OBSOLETE

1

PRASB1-16F-BR000

5-1571078-2

2

PRASB2-16F-BBR00

1571078-4

SHEET REF.

LEGACY 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 ± -

MATERIAL

1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

2

DWN
M.BINNER

CHK
J.MOSIER

APVD
-

PRODUCT SPEC
NOT APPLICABLE

APPLICATION SPEC
NOT APPLICABLE

WEIGHT
-

CUSTOMER DRAWING

25FEB2002

TE Connectivity

POWER ROCKER SWITCH 13.0mmX19.2mm PANEL
SIZE SPST 3 TERMINALS, LAMP ILLUMINATED

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1571078

RESTRICTED TO
-

SCALE
3:1

SHEET
3 of 3

REV
G2

REVISIONS

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

1571078

B

A

1471-9 (1/15)