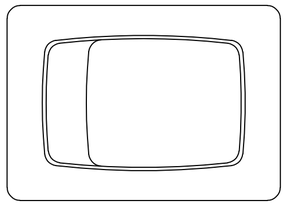
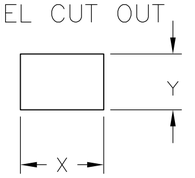
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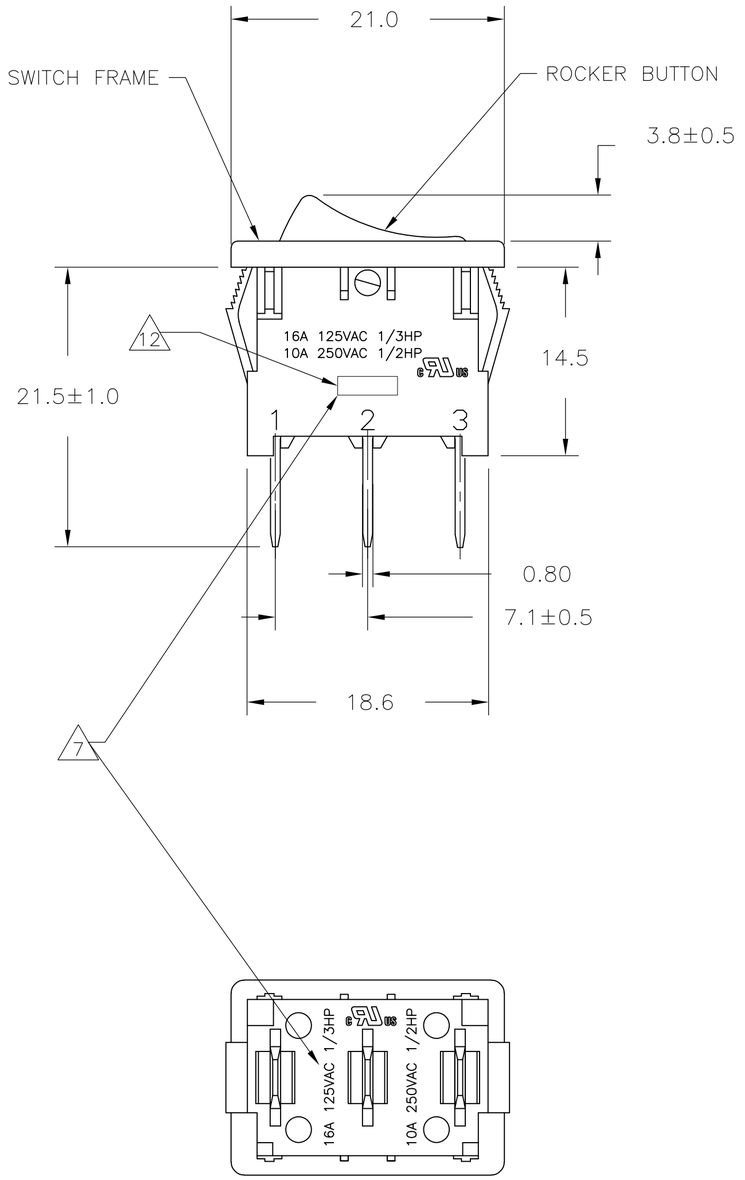
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
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	G2	REVISED PER ECO-16-017354	03MAR2017	RK	AS

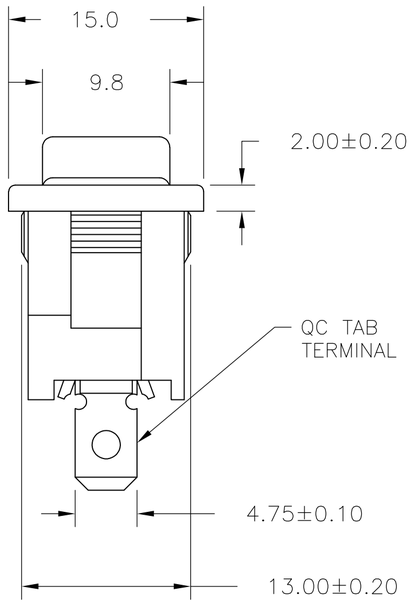


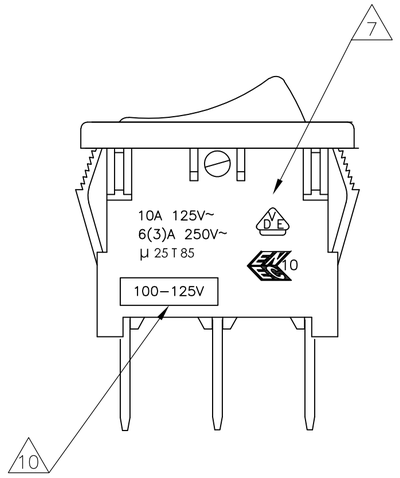
PANEL CUT OUT



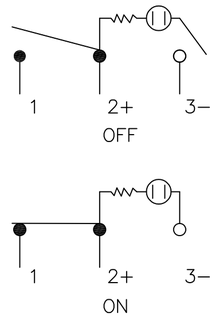
2.00–3.00	19.8–0.1	13.0+0.1
1.25–2.00	19.4–0.1	13.0+0.1
0.75–1.25	19.2–0.1	13.0+0.1
PANEL THICKNESS	X	Y







SWITCH FUNCTION B1 & B3
CIRCUIT DIAGRAM



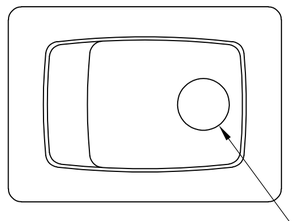
OBSOLETE ~~5-1571078-2~~ SHOWN

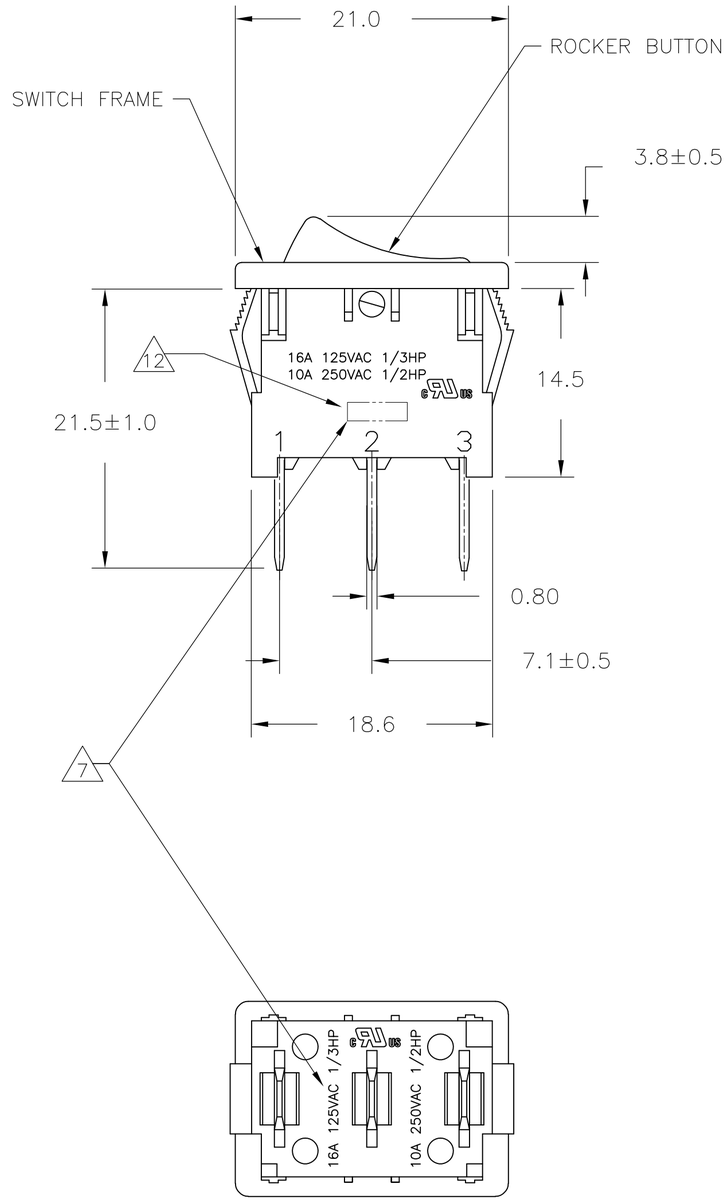
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002	TE Connectivity
DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± – 4 PLC ± – ANGLES ± –	CHK J.MOSIER – APVD – –	NAME POWER ROCKER SWITCH 13.0mmX19.2mm PANEL SIZE SPST 3 TERMINALS, LAMP ILLUMINATED
MATERIAL 1	FINISH 2	PRODUCT SPEC NOT APPLICABLE APPLICATION SPEC NOT APPLICABLE WEIGHT	SIZE A2 CAGE CODE 00779 DRAWING NO C-1571078 RESTRICTED TO –
		CUSTOMER DRAWING	SCALE 3:1 SHEET 1 OF 3 REV G2

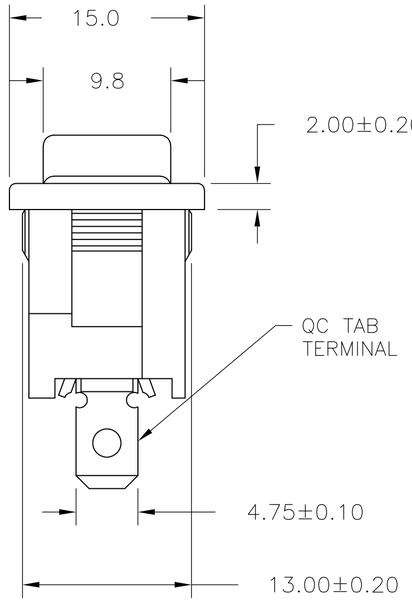
1571078

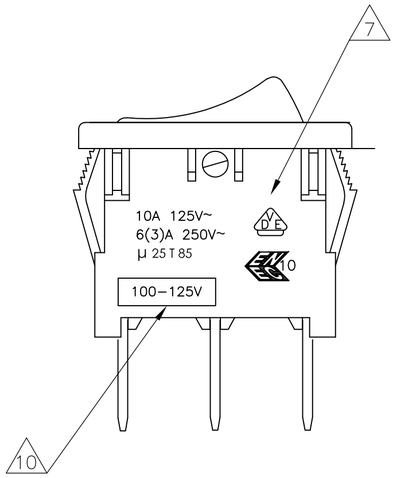
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—



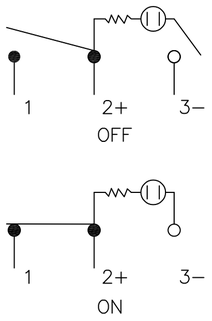




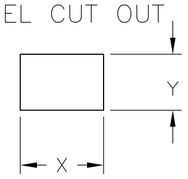


1571078–4 SHOWN

SWITCH FUNCTION B2 & B4 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

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.30
2 PLC ± 0.05
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL 1

FINISH 2

DWN M.BINNER 25FEB2002
CHK J.MOSIER –
APVD – –
PRODUCT SPEC NOT APPLICABLE
APPLICATION SPEC NOT APPLICABLE
WEIGHT –

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571078	—

CUSTOMER DRAWING | SCALE 3:1 | SHEET 2 OF 3 | REV G2

1571078

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

LEGACY PART NUMBER

X_1X_2	X_3	X_4	X_5X_6	—	X_7X_8	X_9	—	X_{10}	X_{11}	X_{12}	X_{13}	X_{14}

SWITCH TYPE: X_1X_2 = PR – POWER ROCKER

NOMINAL PANEL CUT OUT SIZE: X_3 = A – 13.0x19.2
NUMBER OF POLES: X_4 = S – SINGLE

SWITCH FUNCTION: X_5X_6 =
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: X_7X_8 = 16 – △6

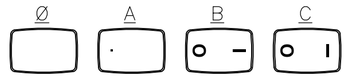
TERMINAL TYPE: X_9 = F – QC TAB
L – SOLDER LUG

FRAME COLOR: X_{10} = B – BLACK
W – WHITE

ROCKER COLOR: X_{11} = A – AMBER
B – BLACK
C – CLEAR
G – GREEN
R – RED
W – WHITE

SECONDARY ROCKER COLOR (FOR THE LAMP WINDOW): X_{12} = Ø – NOT APPLICABLE
A – AMBER
C – CLEAR
G – GREEN
R – RED

LEGEND TEXT PATTERN: X_{13} =



LEGEND TEXT COLOR: X_{14} = 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: △6
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 ⅓HP, 10A@250VAC ½HP
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

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.30
2 PLC ± 0.05
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL △1
FINISH △2

DWN M.BINNER 25FEB2002
CHK J.MOSIER –
APVD — –
PRODUCT SPEC NOT APPLICABLE
APPLICATION SPEC NOT APPLICABLE
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1571078	—

CUSTOMER DRAWING | SCALE 3:1 | SHEET 3 OF 3 | REV G2

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