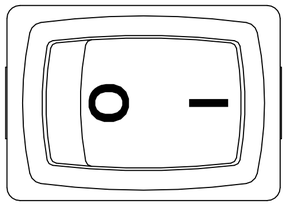
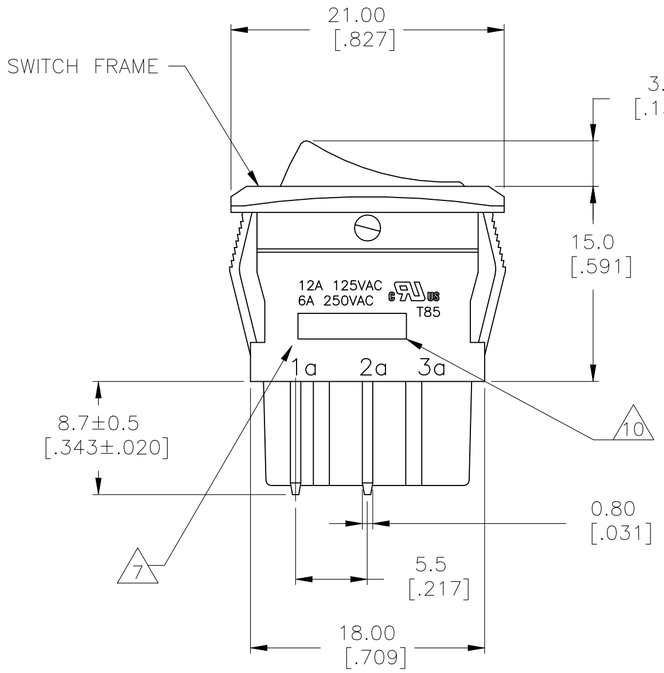
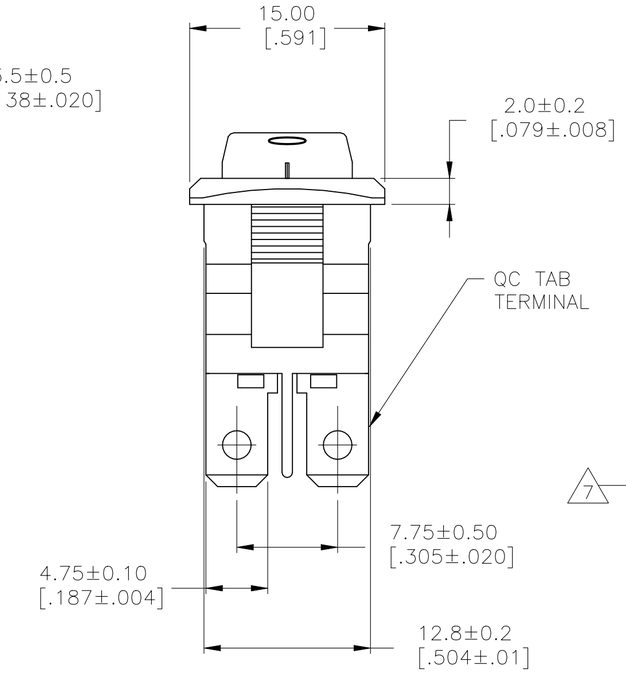
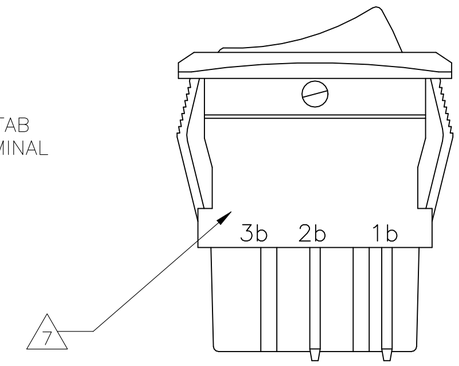
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECO-16-017354	10MAR2017	RK	AS
	A2	REVISED PER ECR-22-143859	11AUG2023	SA	DM

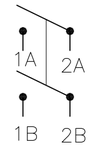




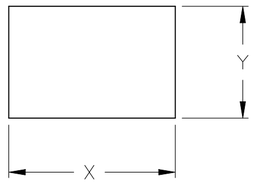


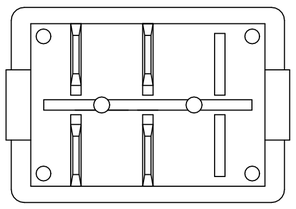


SWITCH FUNCTION A1
CIRCUIT DIAGRAM



PANEL CUT OUT





1977068-2 SHOWN

2.00-4.00[.079-.158]	19.8-0.1 [.780-.004]	13.0+0.1 [.512+.004]
1.25-2.00[.049-.079]	19.4-0.1[.764-.004]	13.0+0.1 [.512+.004]
0.75-1.25[.030-.049]	19.2-0.1[.756-.004]	13.0+0.1 [.512+.004]
PANEL THICKNESS	X	Y

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± 0.30[.012]
2 PLC	± 0.05[.002]
3 PLC	± –
4 PLC	± –
ANGLES	± –

MATERIAL 1

FINISH 2

DWN	M. BINNER 03APR2007
CHK	D.ROHDE –
APVD	– –
PRODUCT SPEC	NOT APPLICABLE
APPLICATION SPEC	NOT APPLICABLE
WEIGHT	

TE Connectivity

NAME: POWER ROCKER SWITCH 13.0mmX19.2mm
PANEL SIZE, DPST, 4 TERMINALS, NON-ILLUMINATED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1977068	–

CUSTOMER DRAWING

SCALE	SHEET	REV
3:1	1 OF 2	A2

1977068

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 [.512x.756]

NUMBER OF POLES: X_4 = D – DOUBLE

SWITCH FUNCTION: X_5X_6 = A1 – ON–OFF, WITH OPAQUE, SINGLE–COLOR ROCKER BUTTON.

CURRENT RATING: X_7X_8 = 12 – △6

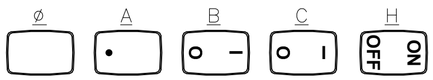
TERMINAL TYPE: X_9 = F – QC TAB

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

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

SECONDARY ROCKER COLOR: X_{12} = ø – NOT APPLICABLE

LEGEND TEXT PATTERN: X_{13} =



LEGEND TEXT COLOR: X_{14} = ø – NOT APPLICABLE
G – GREEN
R – RED
B – BLACK
W – WHITE

△1 MATERIALS:
ROCKER BUTTON & HOUSING FRAME: NYLON 66, UL 94 V–2.
TERMINAL, ACTIVE CONTACTOR: COPPER ALLOY PER ASTM B152/B152M
PLUNGER: BRASS PER ASTM B036
SPRING: STEEL WIRE PER ASTM A228/A228M

△2 FINISH:
PLUNGER: 1.02µm[.000040]MIN NICKEL

3. ELECTRICAL SPECIFICATIONS:
CURRENT AND VOLTAGE: △6
CONTACT RESISTANCE: (INITIAL): <100mΩ
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE
INSULATION RESISTANCE (INITIAL): >100MΩ (500 VDC BETWEEN OPEN CONTACTS)
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)

4. MECHANICAL SPECIFICATIONS:
ACTUATING FORCE: 400g MIN, 800g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL RETENTION FORCE: >6.8kg– QC TAB

5. ENVIRONMENTAL SPECIFICATIONS:
AMBIENT TEMPERATURE: –20°C TO +85°C
HUMIDITY: MAX 85%
SALT SPRAY: NO REMARKABLE RUST ON METAL PARTS
(5% SALT/ 35°C, 24HRS)
SHOCK: NO MECHANICAL DEFECT OR DAMAGE
(500G 11MSEC / X,Y,Z, 3 TIMES)

△6 12A@125VAC/6A@250VAC

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

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

9. ROHS 2002/95/EC COMPLIANT.

△10 TYCO ELECTRONICS LOGO LOCATED APPROXIMATELY AS SHOWN

OBSOLETE	PRADA1–12F–BROBW	1977068–5
	PRADA1–12F–BR000	1977068–4
	PRADA1–12F–BB0CW	1977068–3
	PRADA1–12F–BB0BW	1977068–2
	PRADA1–12F–BB000	1977068–1
	LEGACY PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.30[.012]
2 PLC ± 0.05[.002]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL △1
FINISH △2

DWN M. BINNER 03APR2007
CHK D.ROHDE –
APVD — –
PRODUCT SPEC NOT APPLICABLE
APPLICATION SPEC NOT APPLICABLE
WEIGHT

TE Connectivity

NAME
POWER ROCKER SWITCH 13.0mmX19.2mm
PANEL SIZE, DPST, 4 TERMINALS, NON–ILLUMINATED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–1977068	—

CUSTOMER DRAWING | SCALE 3:1 | SHEET 2 OF 2 | REV A2

1977068