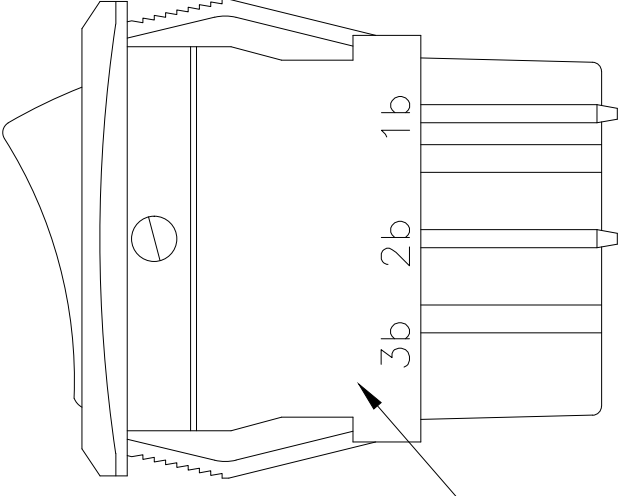
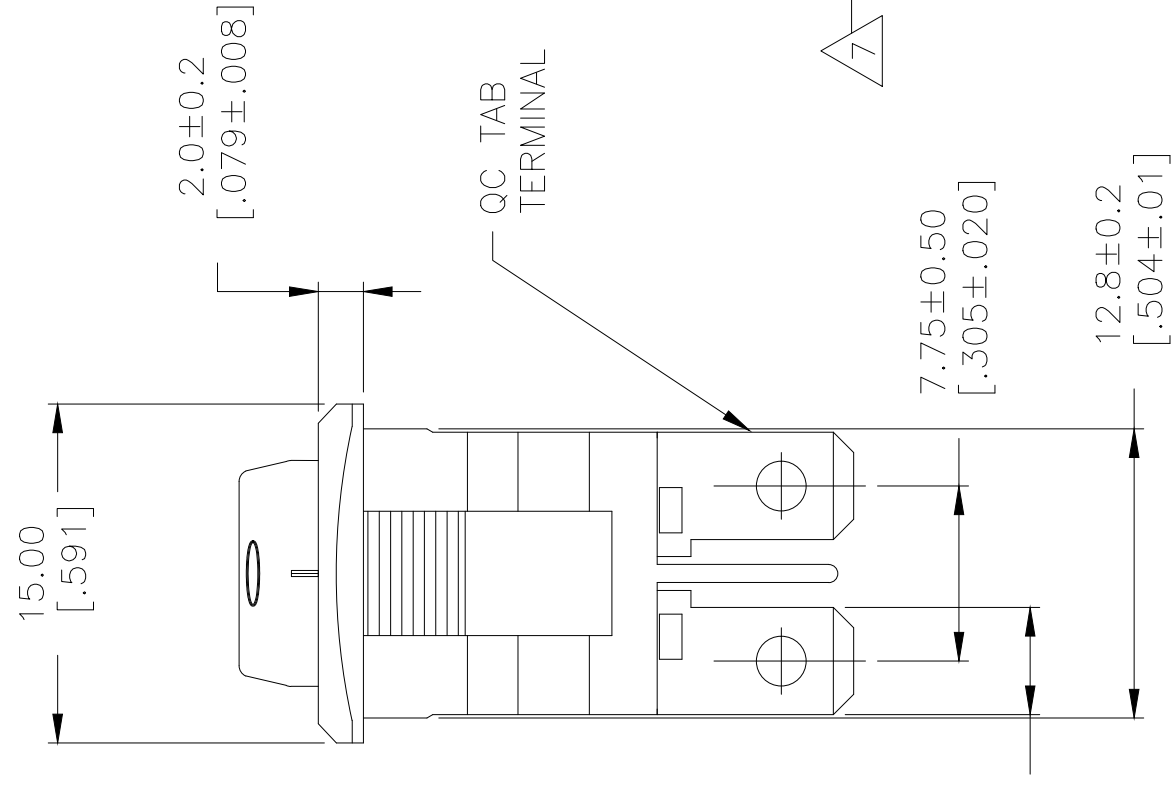
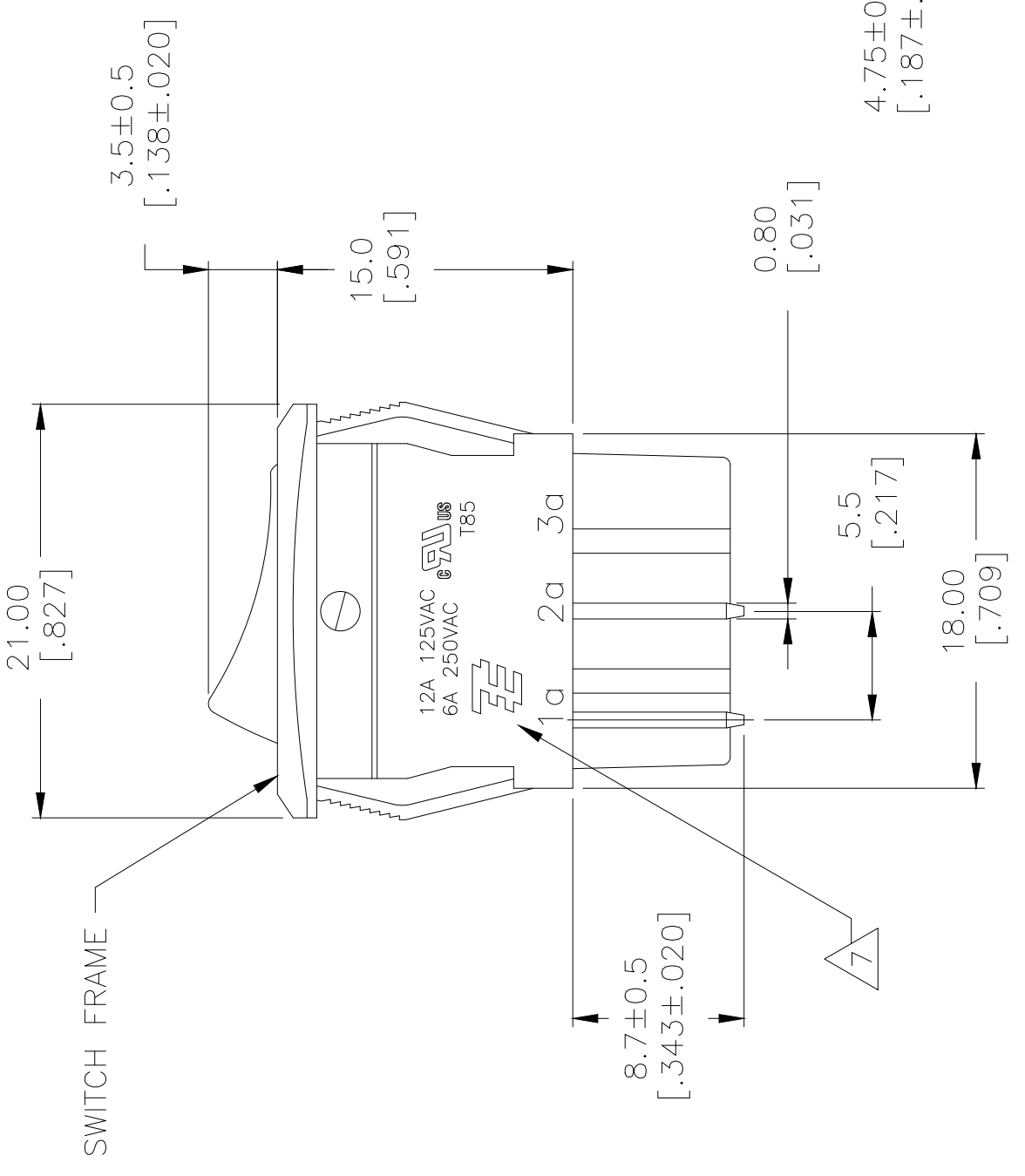
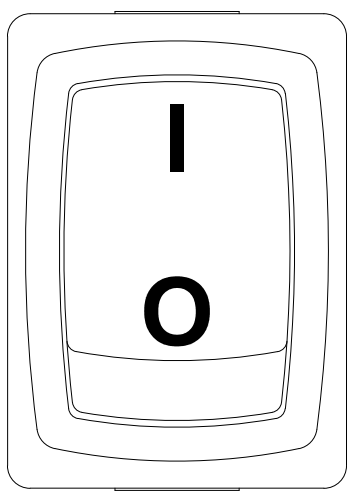
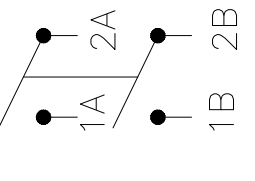


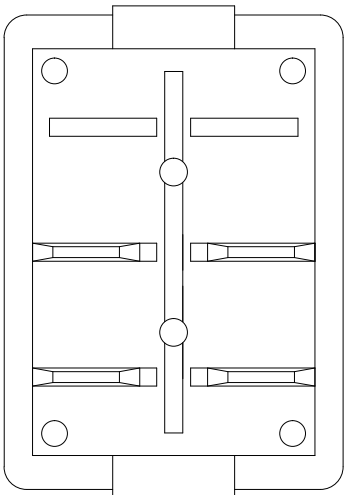
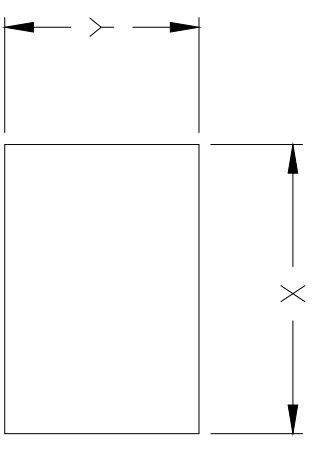
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECO-07-019301	21AUG07	MB	DR
	A1	REVISED PER ECO-16-017354	10MAR2017	RK	AS



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]

THIS DRAWING IS A CONTROLLED DOCUMENT.		PANEL THICKNESS	
DWN	M. BINNER	03APR2007	
CHK	D. ROHDE		
APVD			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC	±	NOT APPLICABLE	TE Connectivity
1 PLC	±	NOT APPLICABLE	
2 PLC	±	NOT APPLICABLE	
3 PLC	±	NOT APPLICABLE	
4 PLC	±	NOT APPLICABLE	
ANGLES	±		
FINISH	±		
DIMENSIONS: mm [INCHES]		SIZE	
MATERIAL		DRAWING NO	
		A2 00779 C=1977068	
		RESTRICTED TO	
		-	
		CUSTOMER DRAWING	
		SCALE 3:1	
		SHEET 1 of 2	
		REV A1	

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION ALL RIGHTS RESERVED.

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

NOMINAL PANEL CUT OUT SIZE: X₃ = A - 13.0x19.2 [.512x.756]

NUMBER OF POLES: X₄ = D - DOUBLE

SWITCH FUNCTION: X₅X₆ = A1 - ON-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.

CURRENT RATING: X₇X₈ = 12 - △6

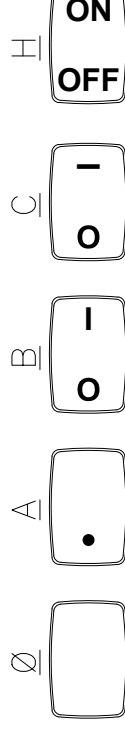
TERMINAL TYPE: X₉ = E - QC TAB

FRAME COLOR: X₁₀ = B - BLACK
W - WHITE

ROCKER COLOR: X₁₁ = B - BLACK
G - GREEN
R - RED
W - WHITE

SECONDARY ROCKER COLOR: X₁₂ = Ø - NOT APPLICABLE

LEGEND TEXT PATTERN: X₁₃ =



LEGEND TEXT COLOR: X₁₄ = 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%RH)

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.

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.		DWN	M. BINNER	03APR2007
DIMENSIONS: mm [INCHES]		CHK	D.ROHDE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD		
0 PLC ±	1 PLC ± 0.30[.012]	PRODUCT SPEC	NOT APPLICABLE	NAME
2 PLC ±	3 PLC ± 0.05[.002]	APPLICATION SPEC	NOT APPLICABLE	POWER ROCKER SWITCH 13.0mmX19.2mm
4 PLC ±	ANGLES ±	WEIGHT	NOT APPLICABLE	PANEL SIZE, DPST, 4 TERMINALS, NON-ILLUMINATED
MATERIAL	<u>△1</u>	SIZE	A2	RESTRICTED TO
		DRAWING NO	C=1977068	
	<u>△2</u>	SCALE	3:1	SHEET
		CUSTOMER DRAWING	2	of 2
		REV	A1	



TE Connectivity