



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

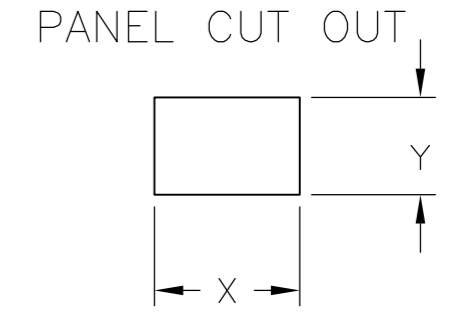
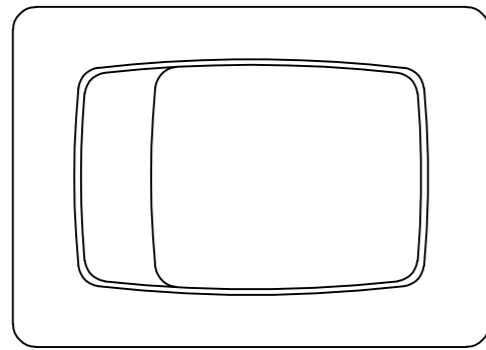
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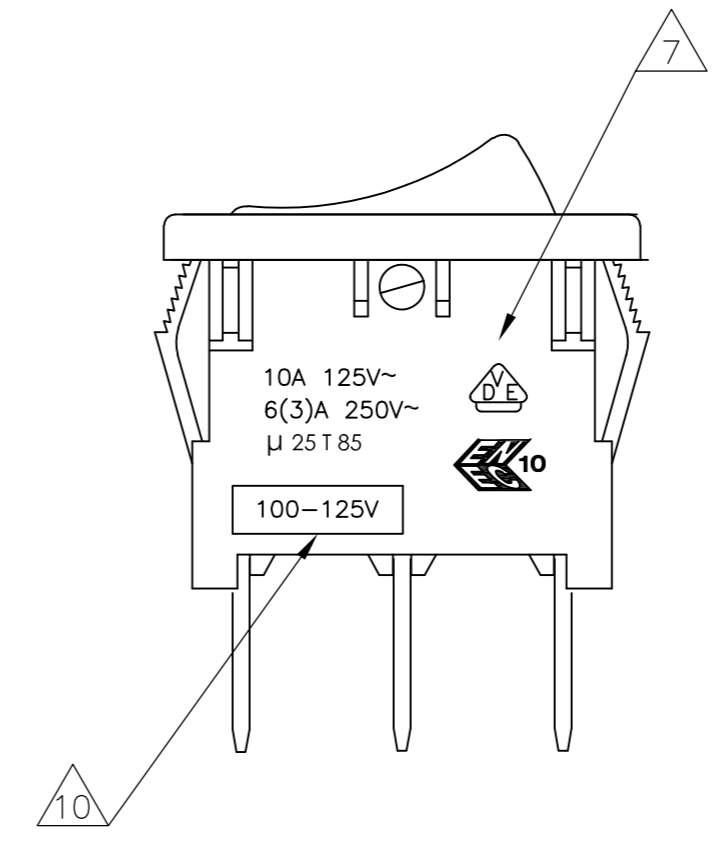
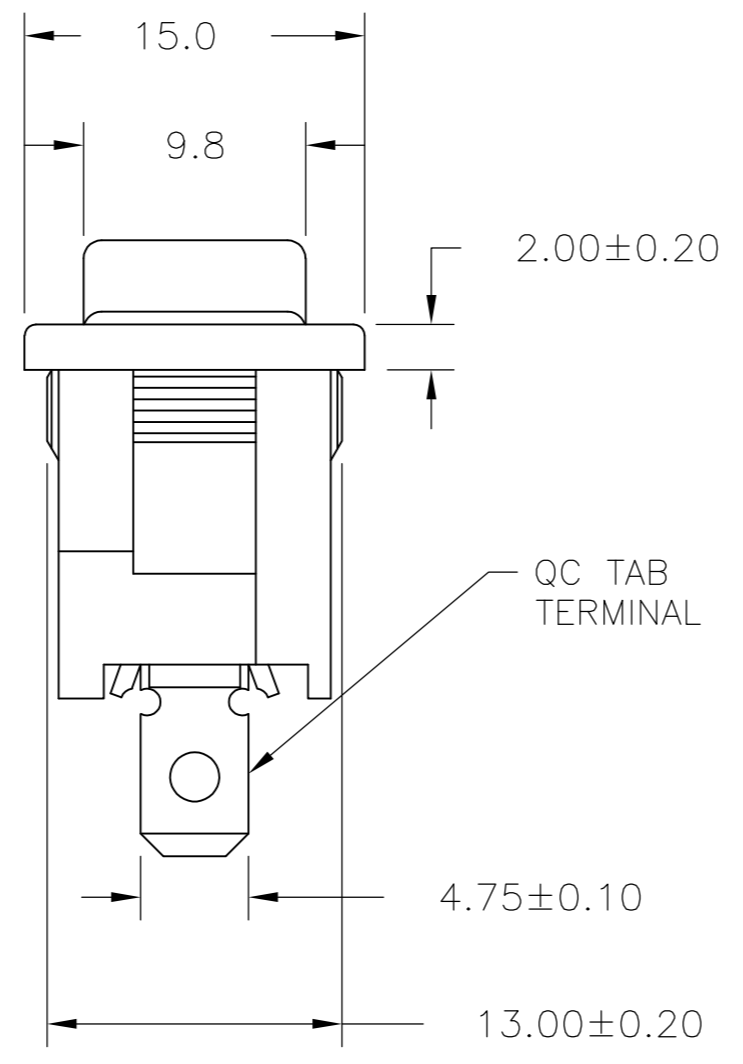
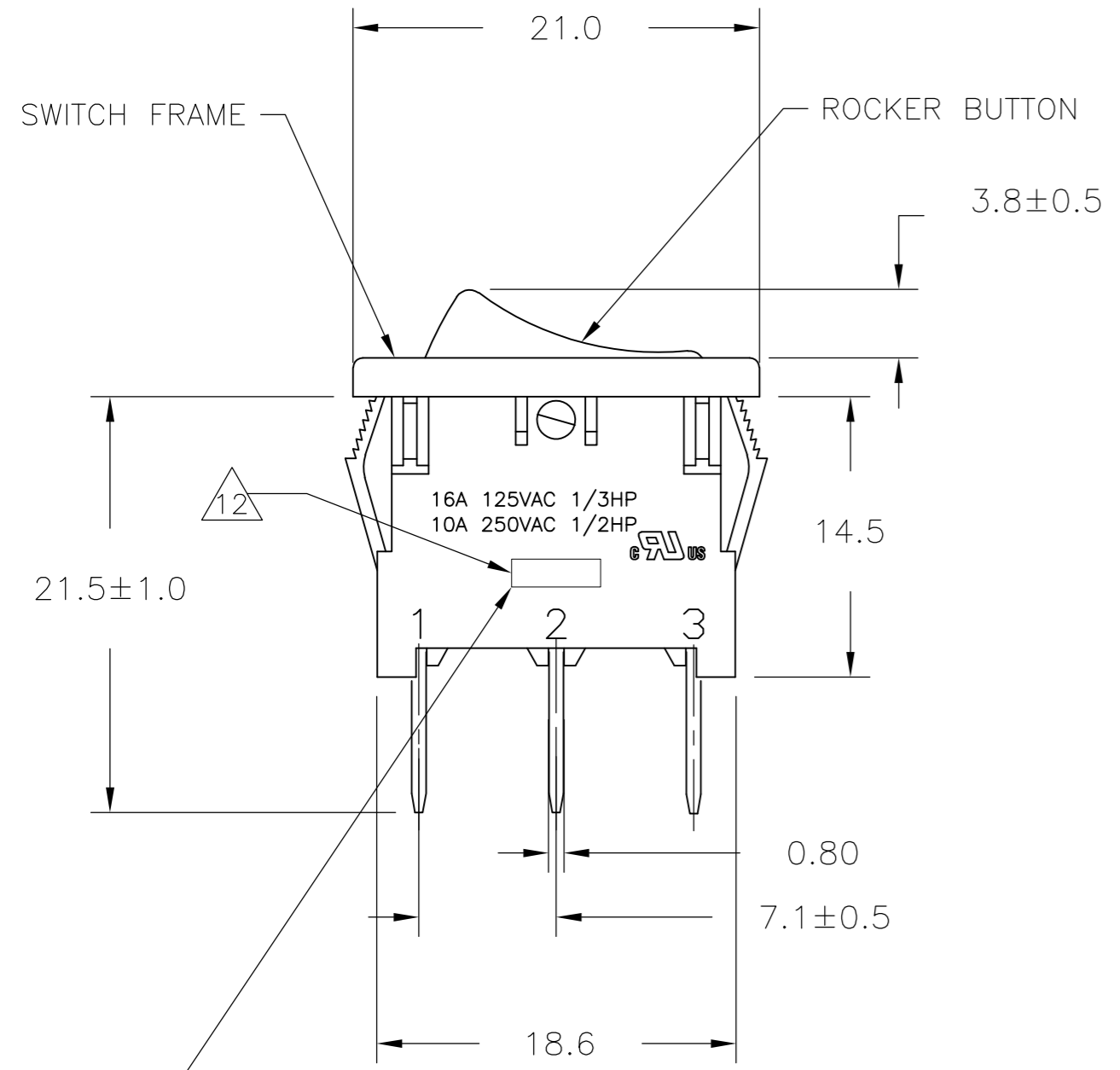
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



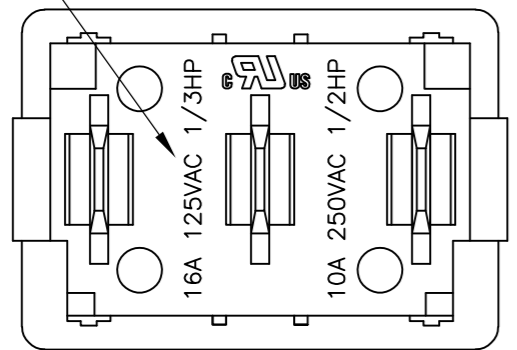
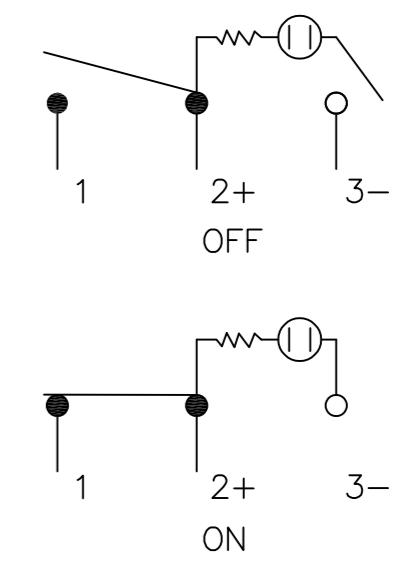
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		G1		REVISED PER ECO-10-005254	18MAR10	HMR	NE



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

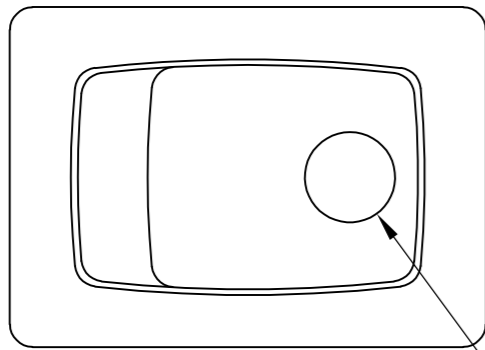


5-1571078-2 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	25FEB2002	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: MM		CHK J.MOSIER	APVD -	NAME POWER ROCKER SWITCH, 13.0mm X 19.2mm PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW, THREE TERMINALS, LAMP ILLUMINATED	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC NOT APPLICABLE		SIZE A2	
0 PLC ± -		APPLICATION SPEC NOT APPLICABLE		CAGE CODE 00779	
1 PLC ± 0.30		WEIGHT -		DRAWING NO 1571078	
2 PLC ± 0.05		FINISH 1		RESTRICTED TO -	
3 PLC ± -		CUSTOMER DRAWING		SCALE 3:1	
4 PLC ± -		SHEET 1 of 3		REV G1	
ANGLES ± -					

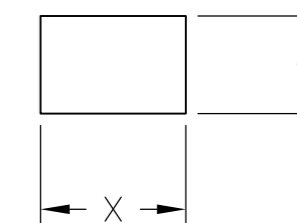
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	SEE SHEET 1	-	-	-

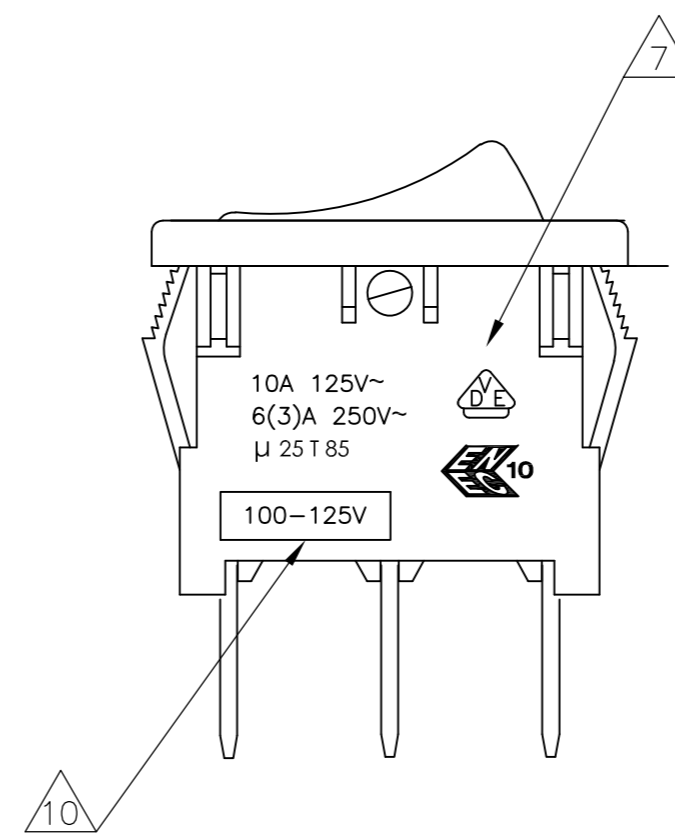
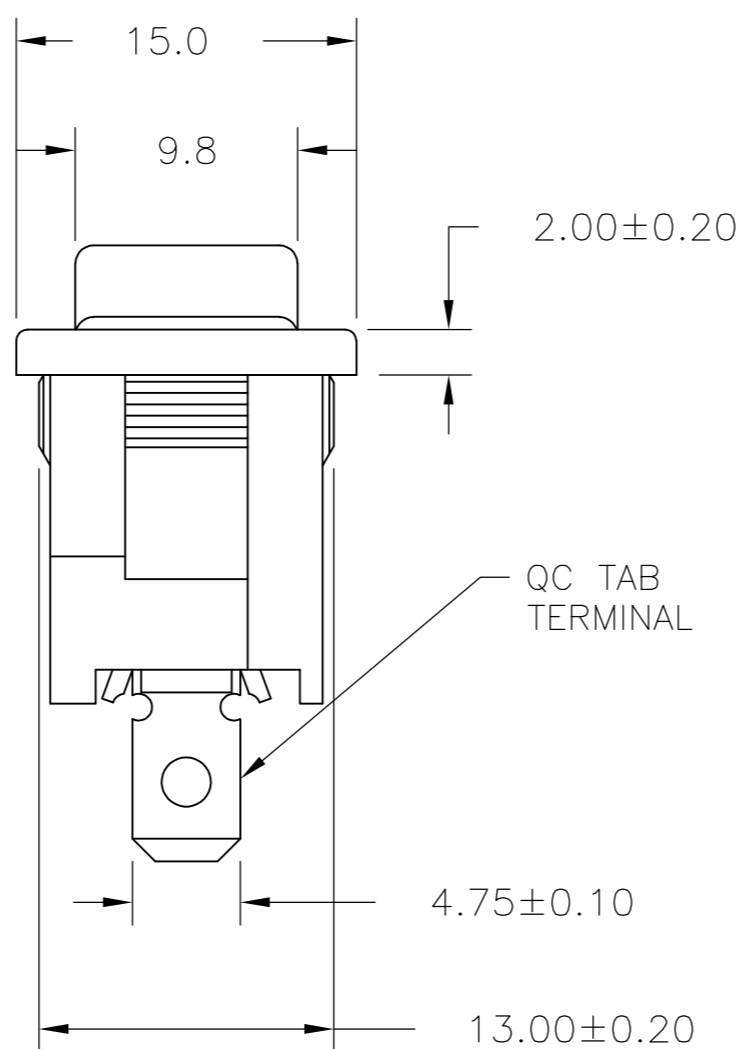
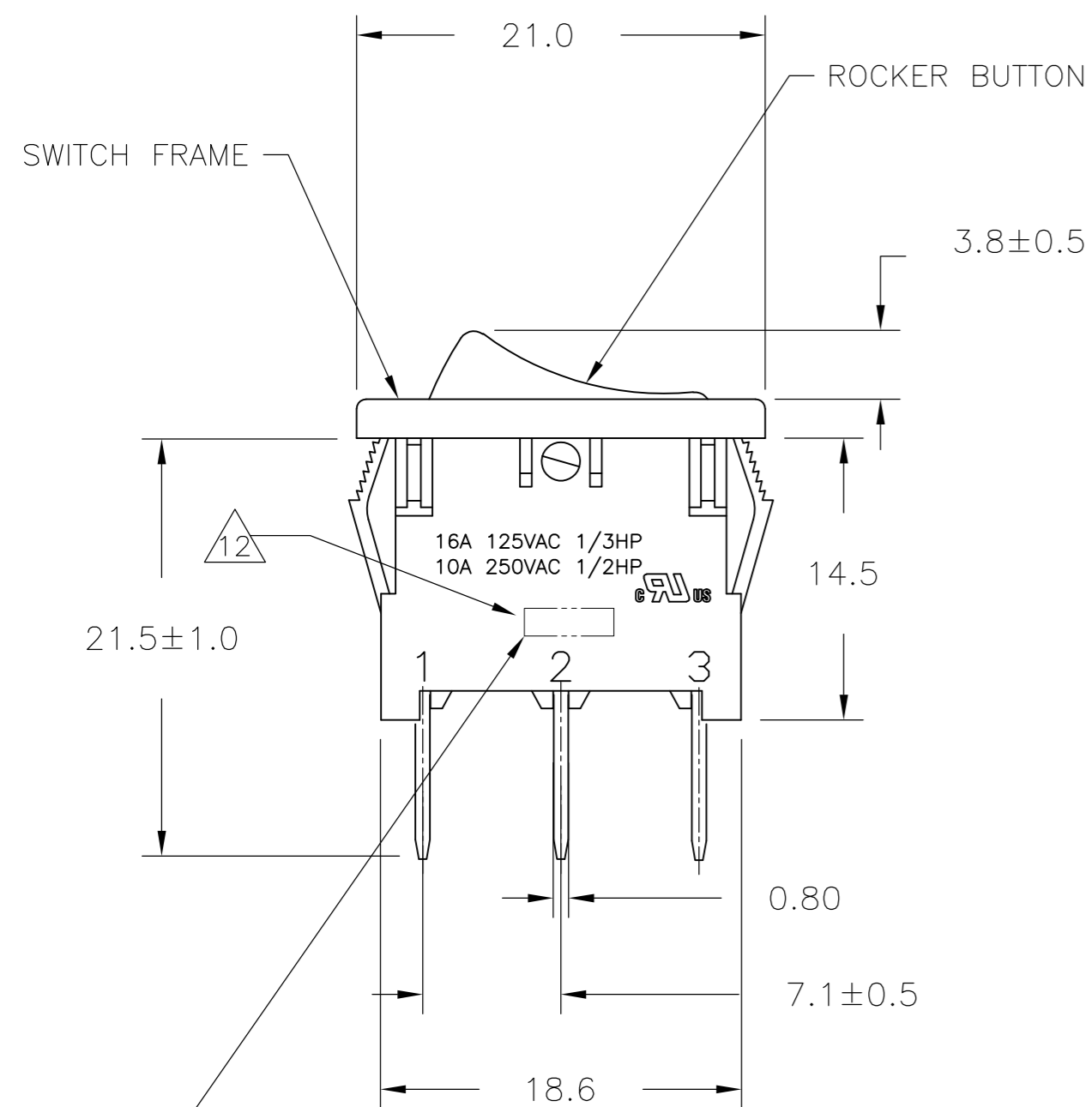


LAMP WINDOW

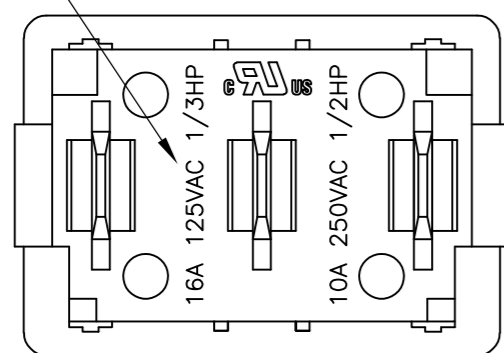
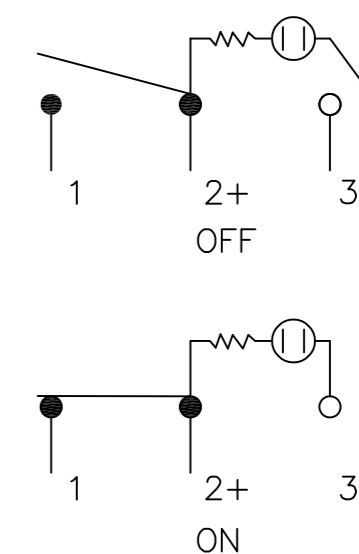
PANEL CUT OUT



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 B2 & B4
CIRCUIT DIAGRAM



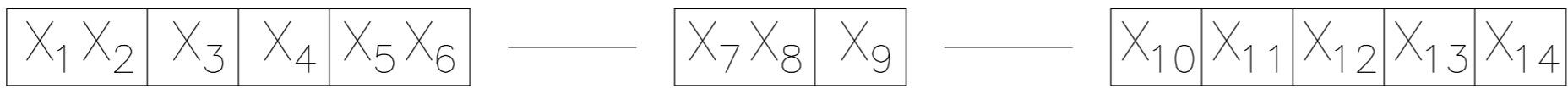
1571078-4 SHOWN

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TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC NOT APPLICABLE		SIZE A2	CAGE CODE 00779
0 PLC ± - 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± - 4 PLC ± - ANGLES ± -		APPLICATION SPEC NOT APPLICABLE		DRAWING NO 1571078	
MATERIAL 1	FINISH 2	WEIGHT -		RESTRICTED TO -	SCALE 3:1
CUSTOMER DRAWING				SHEET 2 of 3	REV G1

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	SEE SHEET 1	-	-	-

LEGACY PART NUMBER



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 = E - 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 =

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 APPROXIMATELY AS SHOWN PER TEC 202-36.

1	PRASB1-16F-BR000	5-1571078-2
2	PRASB2-16F-BBR00	1571078-4
SHEET REF.	LEGACY PART NUMBER	PART NUMBER

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3 PLC ± -		SCALE 3:1		SHEET 3 of 3	
4 PLC ± -		REV G1			
ANGLES ± -					
FINISH					