

4

3

2

1

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
J4		REVISED PER ECO-11-004587	11MAR11	RK	HMR

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 A1  
CIRCUIT DIAGRAM

SWITCH FUNCTION A3  
CIRCUIT DIAGRAM

1571076-9 SHOWN

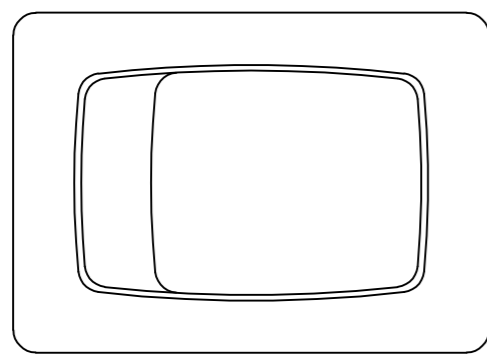
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	25FEB2002		
DIMENSIONS: MM		CHK J.MOSIER	APVD -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC NOT APPLICABLE		NAME POWER ROCKER SWITCH, 13.0mm X 19.2mm	
0 PLC ± -		APPLICATION SPEC NOT APPLICABLE		PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW, TWO TERMINALS, NON-ILLUMINATED	
1 PLC ± 0.30		WEIGHT -		SIZE A2	RESTRICTED TO -
2 PLC ± 0.05		MATERIAL 1		CAGE CODE 00779	DRAWING NO C=1571076
3 PLC ± -		FINISH 2		SCALE 3:1	SHEET 1 of 4
4 PLC ± -		CUSTOMER DRAWING		REV J4	
ANGLES ± -					

1471-9 (3/11)

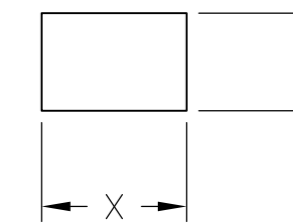
1571076

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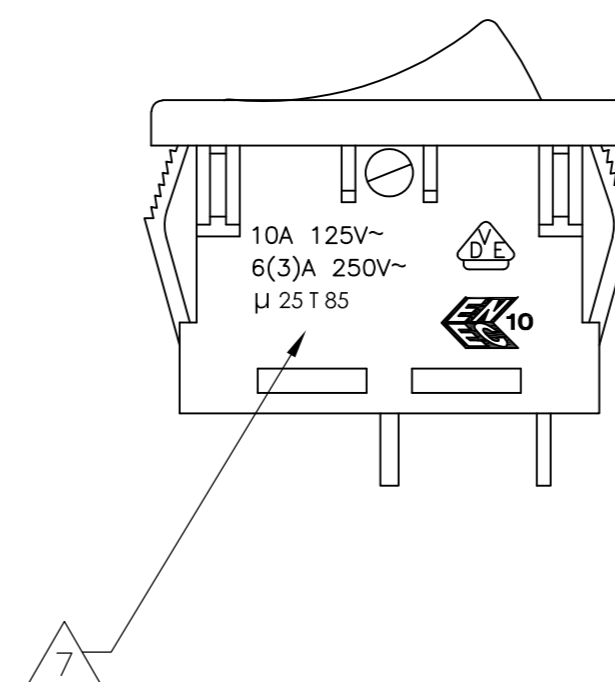
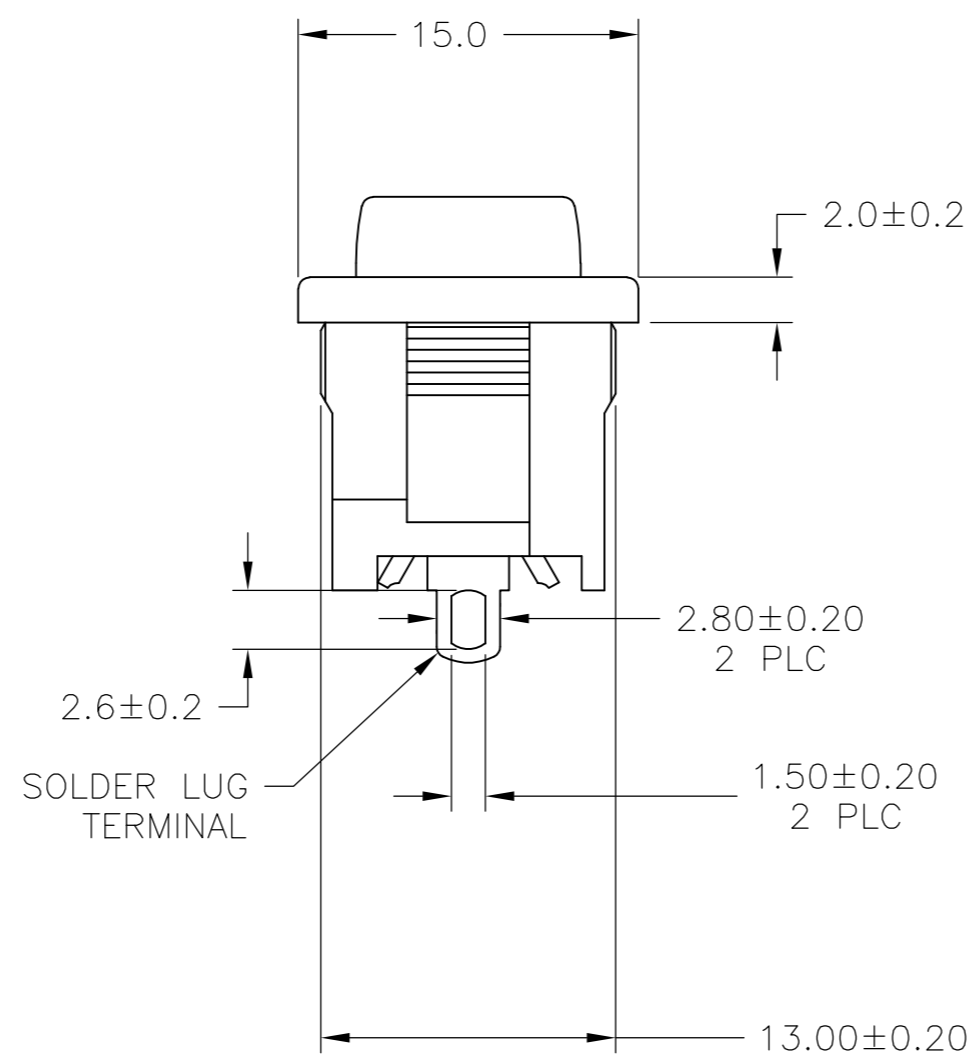
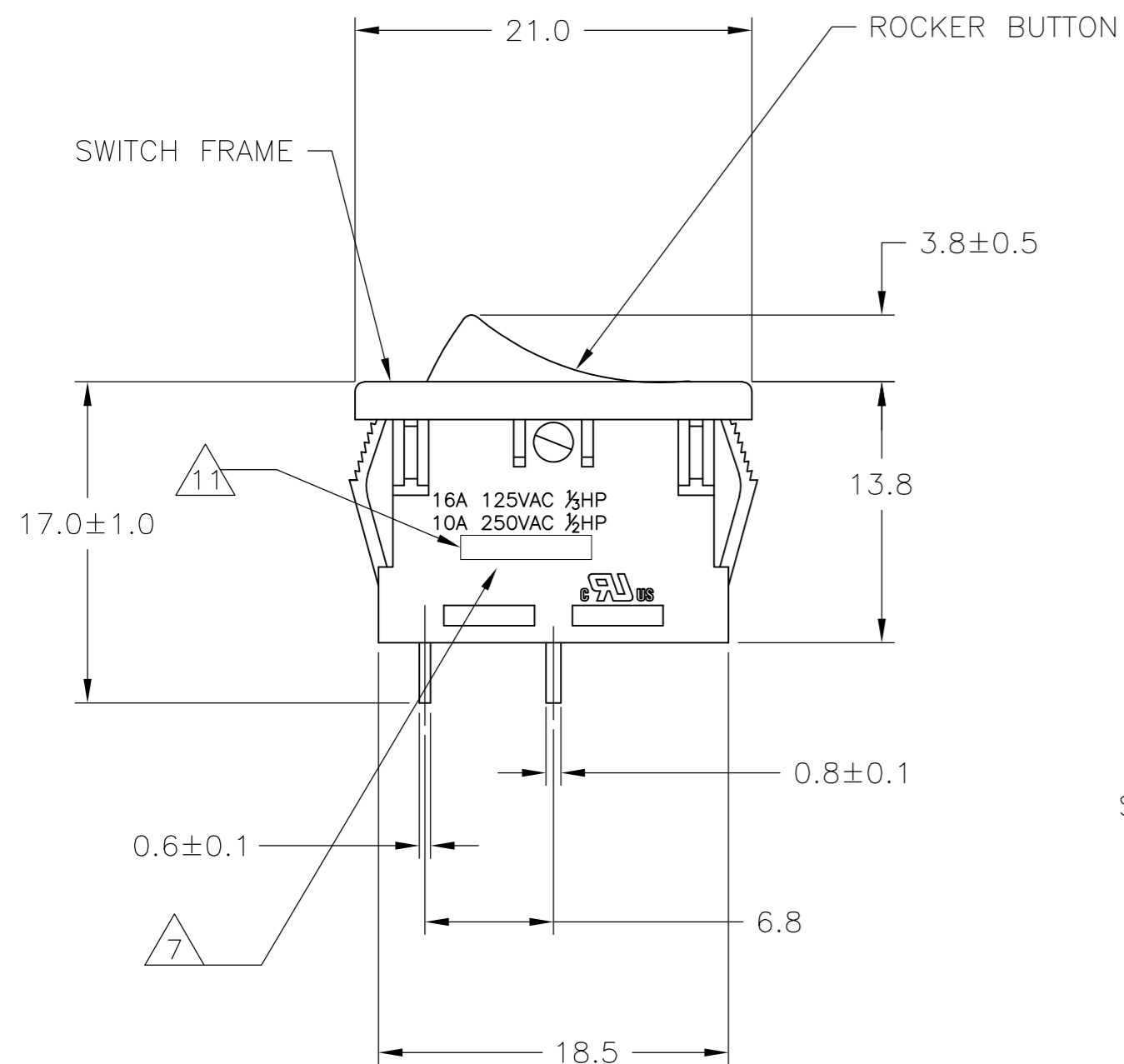
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	SEE SHEET 1	-	-	-



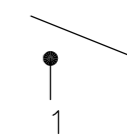
PANEL CUT OUT



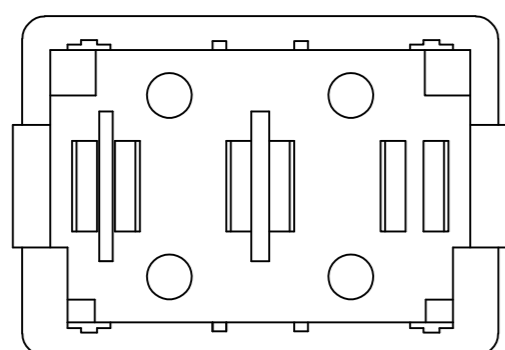
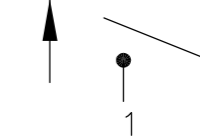
2.00-3.00	19.8-0.1	13.0+0.1
1.25-2.00	19.4-0.1	13.0+0.1
0.75-1.25	19.2-0.1	13.0+0.1
PANEL THICKNESS	X	Y



SWITCH FUNCTION A1  
CIRCUIT DIAGRAM



SWITCH FUNCTION A3  
CIRCUIT DIAGRAM

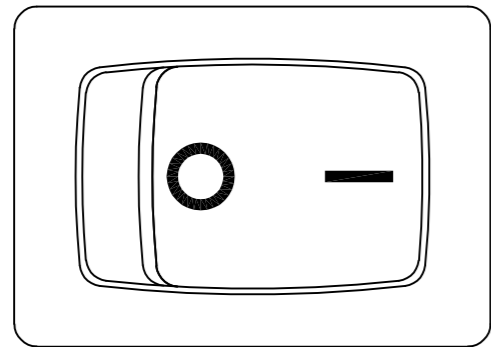


1-1571076-2 SHOWN

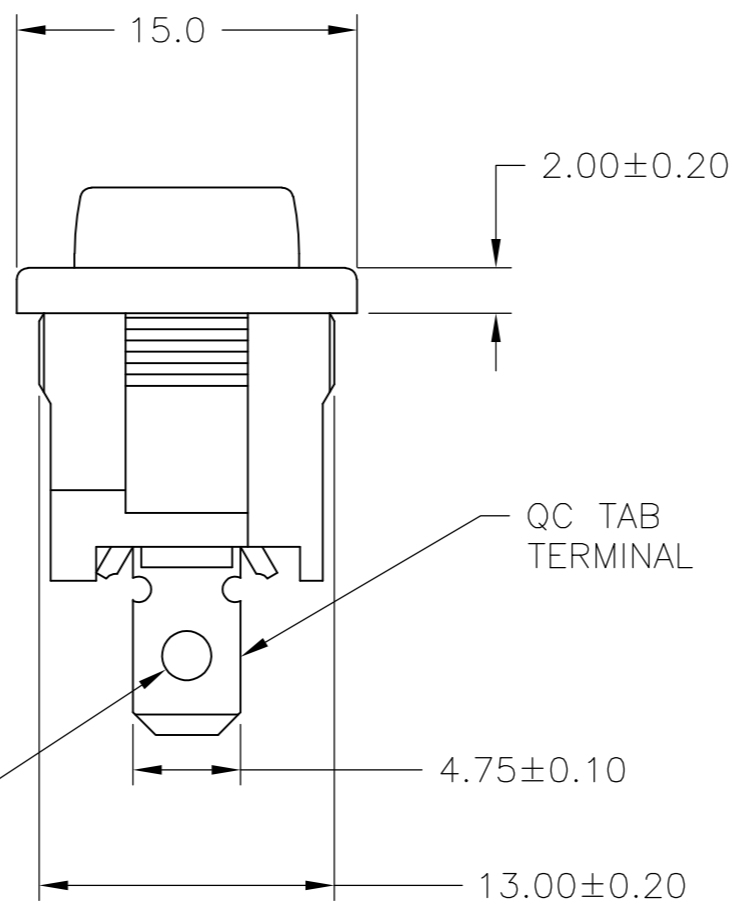
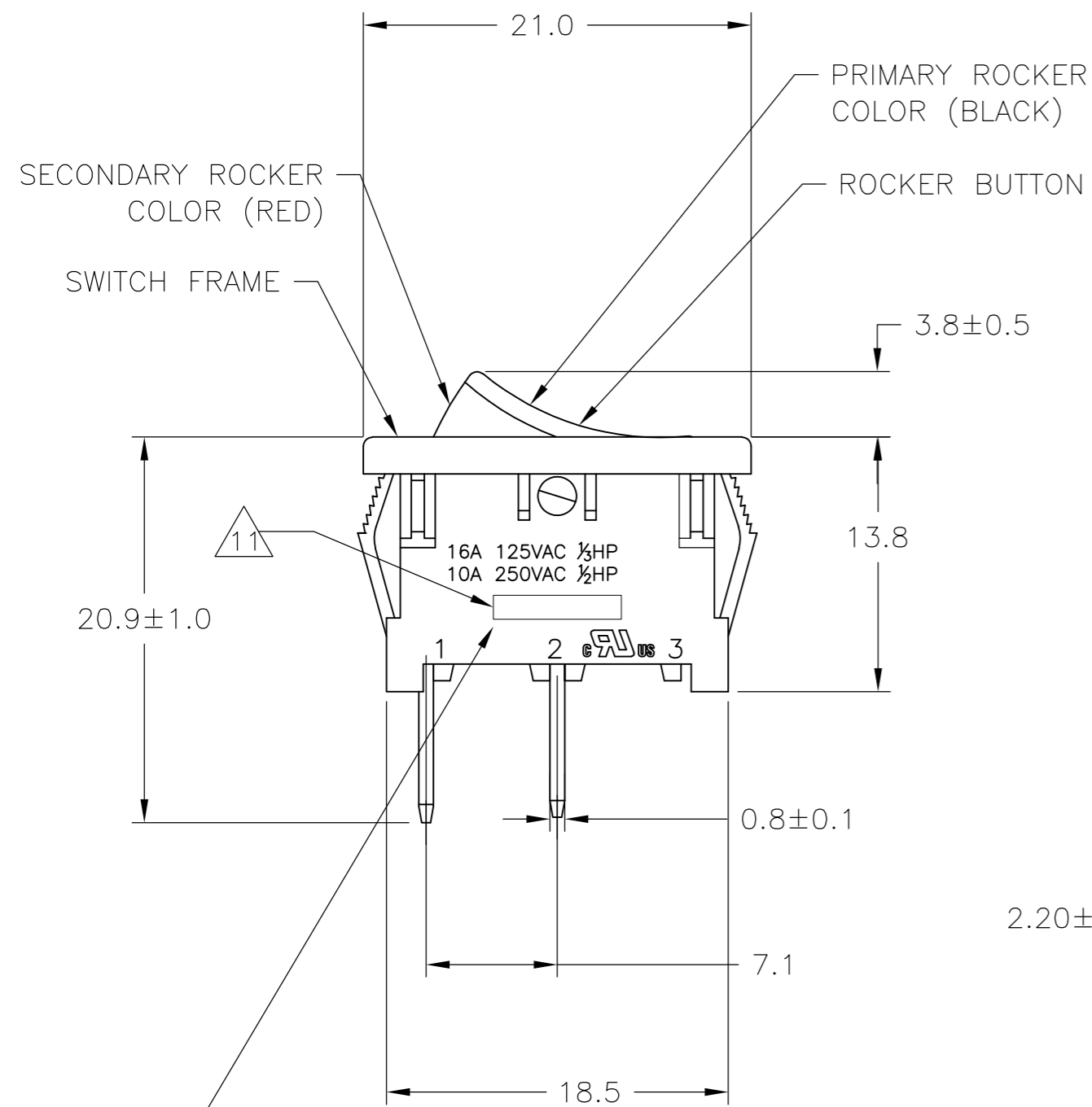
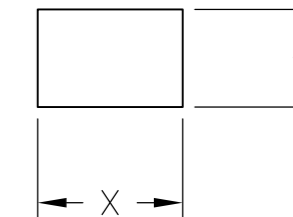
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	25FEB2002		
DIMENSIONS: MM		CHK J.MOSIER	APVD -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC NOT APPLICABLE		SIZE A2	CAGE CODE 00779
0 PLC ± -		APPLICATION SPEC NOT APPLICABLE		DRAWING NO C=1571076	RESTRICTED TO -
1 PLC ± 0.30		WEIGHT -		SCALE 3:1	SHEET 2 of 4
2 PLC ± 0.05		MATERIAL 1		REV J4	
3 PLC ± -		FINISH 2			
4 PLC ± -		CUSTOMER DRAWING			
ANGLES ± -					
FINISH ± -					

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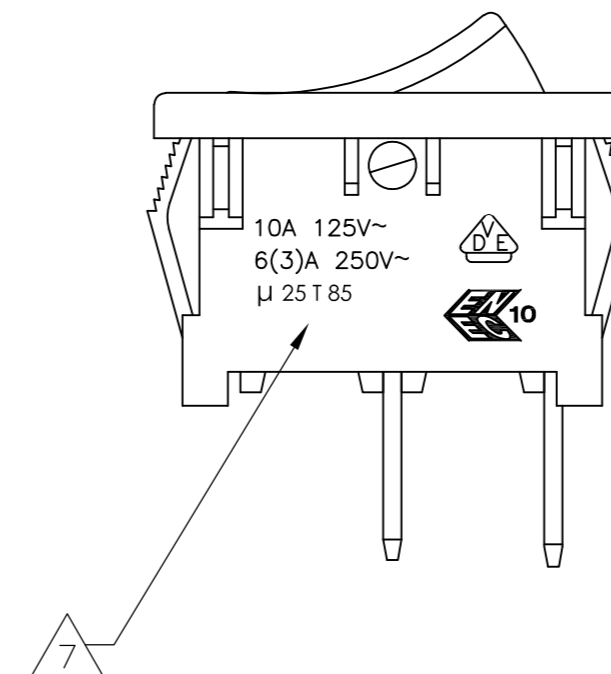
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	SEE SHEET 1	-	-	-



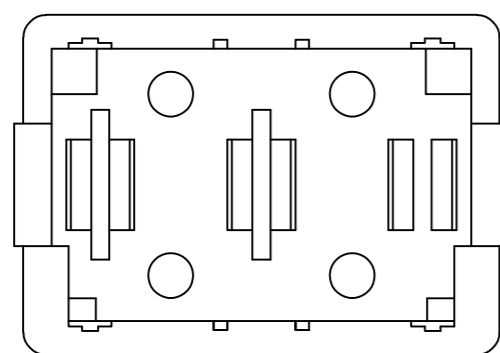
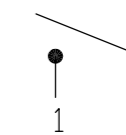
PANEL CUT OUT



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 A2  
CIRCUIT DIAGRAM



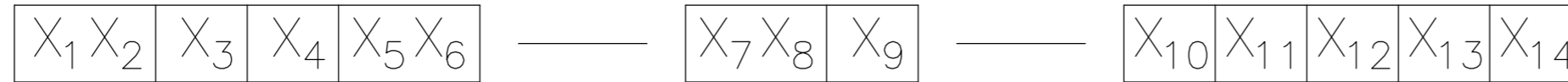
6-1571076-7 SHOWN  
(WITH DUAL COLOR ROCKER BUTTON)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002	<b>TE</b> TE Connectivity	
DIMENSIONS: MM		CHK J.MOSIER		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	NAME POWER ROCKER SWITCH, 13.0mm X 19.2mm	
0 PLC ± -	1 PLC ± 0.30	PRODUCT SPEC NOT APPLICABLE	PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW,	
2 PLC ± 0.05	3 PLC ± -	APPLICATION SPEC NOT APPLICABLE	TWO TERMINALS, NON-ILLUMINATED	
4 PLC ± -	ANGLES ± -	WEIGHT -	SIZE A2	CAGE CODE 00779
MATERIAL 1	FINISH 2	CUSTOMER DRAWING	DRAWING NO C=1571076	RESTRICTED TO -
			SCALE 3:1	SHEET 3 OF 4
			REV J4	

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

LEGACY PART NUMBER



SWITCH TYPE: X1 X2 = PR - POWER ROCKER

NOMINAL PANEL CUT OUT SIZE: X3 = A - 13.0x19.2

NUMBER OF POLES: X4 = S - SINGLE

SWITCH FUNCTION: X5 X6 =

A1 - ON-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON

A2 - ON-OFF, WITH OPAQUE, DUAL-COLOR ROCKER BUTTON

A3 - (ON)-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON

CURRENT RATING: X7 X8 = 16 - △6

TERMINAL TYPE: X9 = E - QC TAB

L - SOLDER LUG

FRAME COLOR: X10 = B - BLACK

W - WHITE

ROCKER COLOR: X11 = B - BLACK

G - GREEN

R - RED

W - WHITE

SECONDARY ROCKER COLOR: X12 = ∅ - NOT APPLICABLE

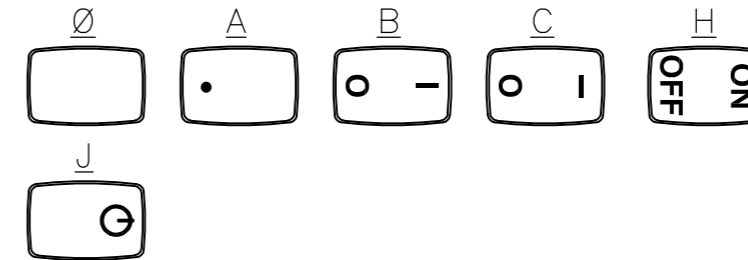
B - BLACK

G - GREEN

R - RED

W - WHITE

LEGEND TEXT PATTERN: X13 =



LEGEND TEXT COLOR: X14 = ∅ - 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: COPPER ALLOY PER ASTM B036  
 SPRING: STEEL WIRE PER ASTM A228/A228M  
 CONTACT: SILVER-TIN OXIDE  
 BOTTOM PLATE(SOLDER LUG OPTION): PHENOLIC LAMINATE

**2** FINISH:  
 TERMINAL, ACTIVE CONTACTOR: 1.0µm MIN SILVER  
 PLUNGER: 3.0µm MIN NICKEL

**3** ELECTRICAL SPECIFICATIONS:  
 CURRENT AND VOLTAGE: **6**  
 CONTACT RESISTANCE (INITIAL): <100mΩ (5V, 1A DC)  
 DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE  
 INSULATION RESISTANCE (INITIAL): >100MΩ 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)  
 DEGREE OF PROTECTCION: IP40

**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)  
 DEGREE OF PROTECTION: IP40

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

**7** ELECTRICAL RATINGS, AGENCY APPROVAL LOGOS, TERMINAL IDENTIFICATION NUMBERS, MOLDED APPROXIMATELY AS SHOWN ON THE SIDE OF THE SWITCH HOUSING.

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

**9** COMPONENT RECOGNIZED TO EUROPEAN STANDARDS, (ENEC & VDE). MARKS LICENSE NO. 40006757.

**10** ROHS 2002/95/EC COMPLIANT.

**11** TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN

3	PRASA2-16F-BBRBR	6-1571076-7
2	PRASA1-16L-BR000	6-1571076-6
1	PRASA1-16F-BR000	6-1571076-5
2	PRASA1-16L-BR0BW	3-1571076-0
1	PRASA3-16F-BB000	2-1571076-6
1	PRASA3-16F-BB0JW	2-1571076-1
1	PRASA1-16F-BB0HW	2-1571076-0
2	PRASA1-16L-BB0CW	1-1571076-4
2	PRASA1-16L-BB0BW	1-1571076-3
2	PRASA1-16L-BB000	1-1571076-2
1	PRASA1-16F-BB0CW	1-1571076-1
1	PRASA1-16F-BB0BW	1-1571076-0
1	PRASA1-16F-BB000	1571076-9

SHEET REF.	LEGACY PART NUMBER	PART NUMBER
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DIMENSIONS: MM		CHK J.MOSIER	APVD -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME	
0 PLC ± -		NOT APPLICABLE		POWER ROCKER SWITCH, 13.0mm X 19.2mm	
1 PLC ± 0.30		APPLICATION SPEC		PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW,	
2 PLC ± 0.05		NOT APPLICABLE		TWO TERMINALS, NON-ILLUMINATED	
3 PLC ± -		WEIGHT		SIZE	RESTRICTED TO
4 PLC ± -		-		A2	-
ANGLES ± -		FINISH		CAGE CODE	DRAWING NO
FINISH		-		00779	1571076
MATERIAL		CUSTOMER DRAWING		SCALE	SHEET
1		2		3:1	4 of 4
				REV	J4

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Работу по проектам и поставку образцов.
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- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)  
Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)