

THIS DRAWING IS UNPUBLISHED.

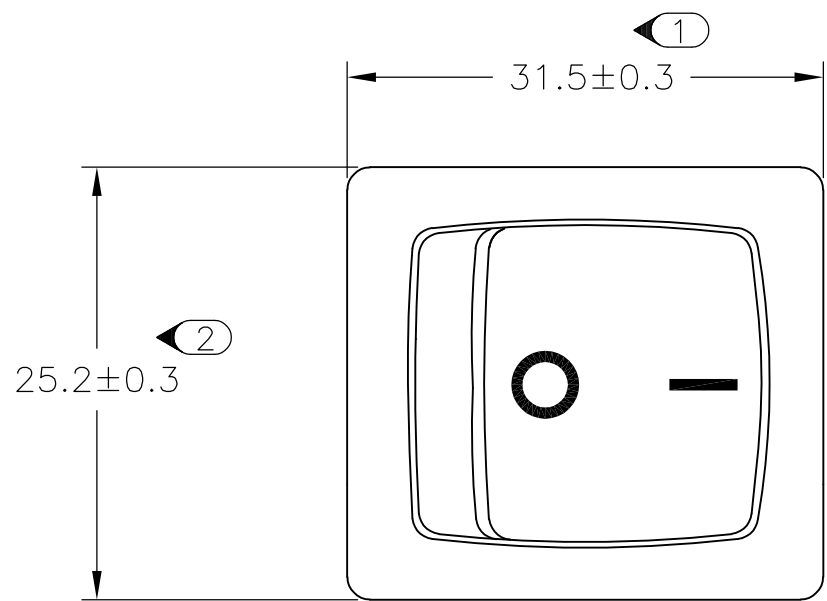
RELEASED FOR PUBLICATION

30/OCT , 2003.

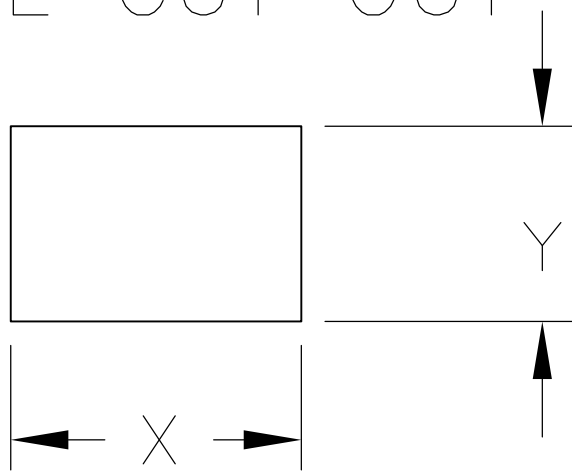
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LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION		DATE	DWN	APVD
	D	REVISED PER ECO-10-025607		21DEC10	HMR	MW

D

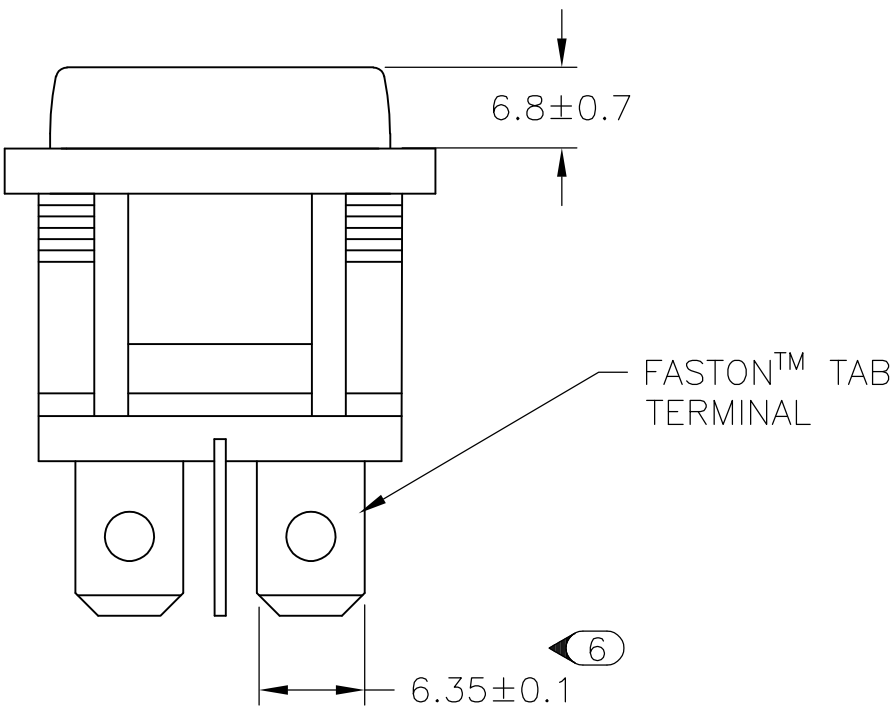
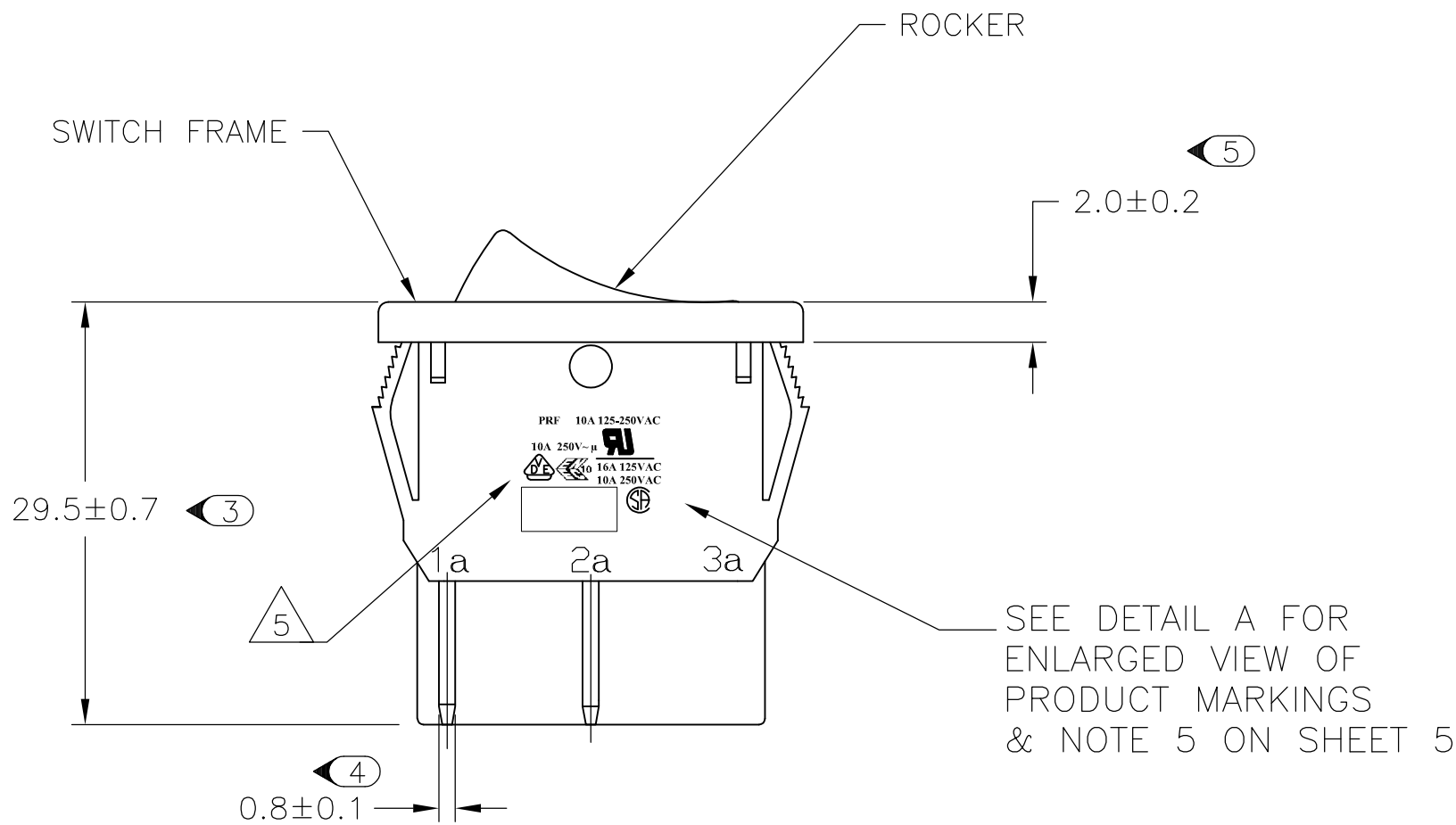


PANEL CUT OUT

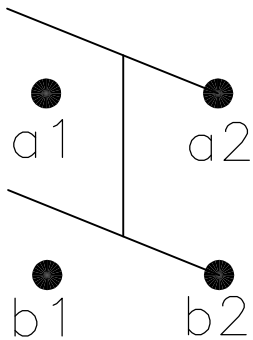


2.00-3.00	30.20	22.20
1.25-2.00	30.20	22.20
0.75-1.25	30.20	22.20
PANEL THICKNESS	X	Y

C

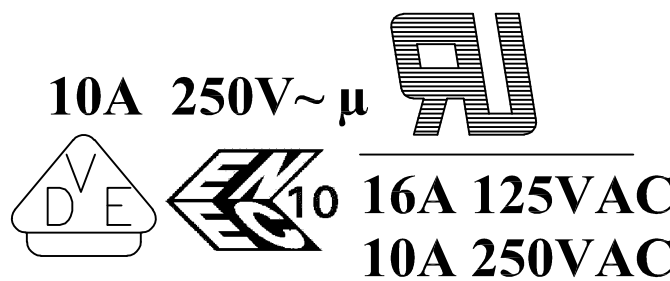


CIRCUIT DIAGRAM



PRODUCT MARKING
DETAIL A

PRF 10A 125-250VAC

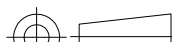


TYCO ELECTRONICS LOGO
PER TEC-202-36

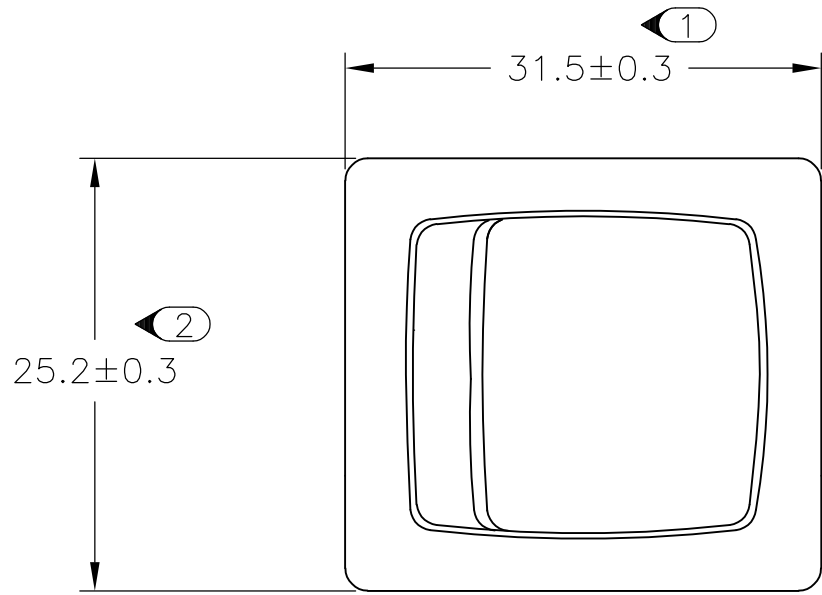
6 1634201-2 SHOWN ON-OFF

B

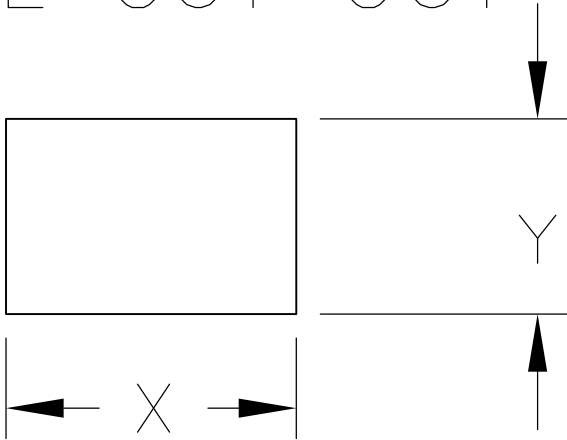
A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.SHACKSON 28JAN2003	 Tyco Electronics Corporation Harrisburg, PA 17057			
DIMENSIONS: MM		CHK H.KAUTZ 28JAN2003	NAME POWER ROCKER SWITCH, 30.2mm X 22.2mm PANEL CUT-OUT SIZE, DOUBLE POLE, SINGLE THROW, NON-ILLUMINATED			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD H.KAUTZ 28JAN2003				
	0 PLC ± -	PRODUCT SPEC				
	1 PLC ± 0.5	NOT APPLICABLE				
	2 PLC ± -	APPLICATION SPEC				
	3 PLC ± -	NOT APPLICABLE				
4 PLC ± -	ANGLES ± -	WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C-1634201	RESTRICTED TO -
MATERIAL	FINISH	CUSTOMER DRAWING		SCALE 3:1	SHEET 1 OF 5	REV D
						

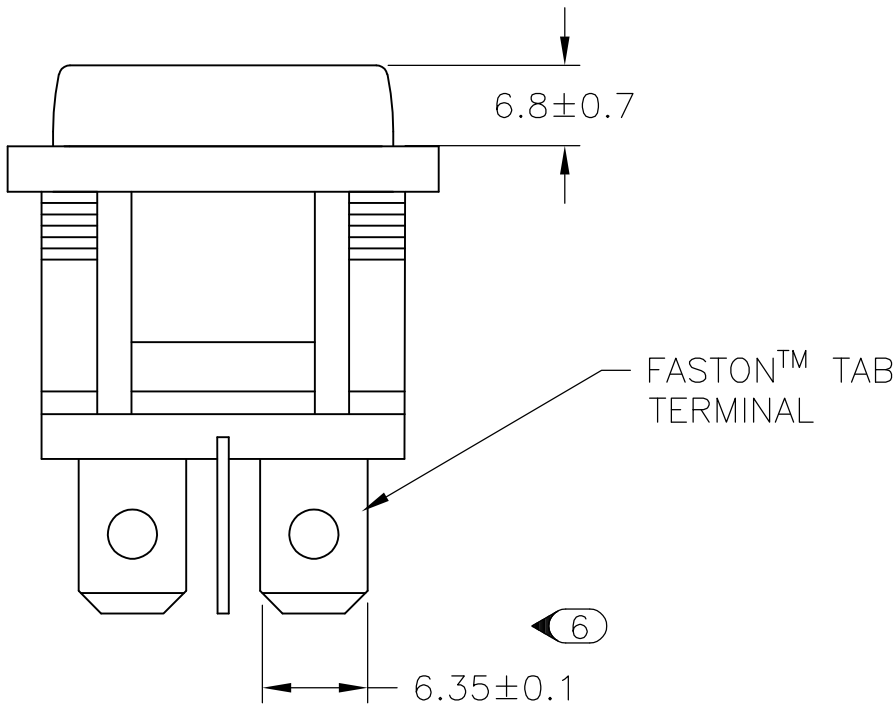
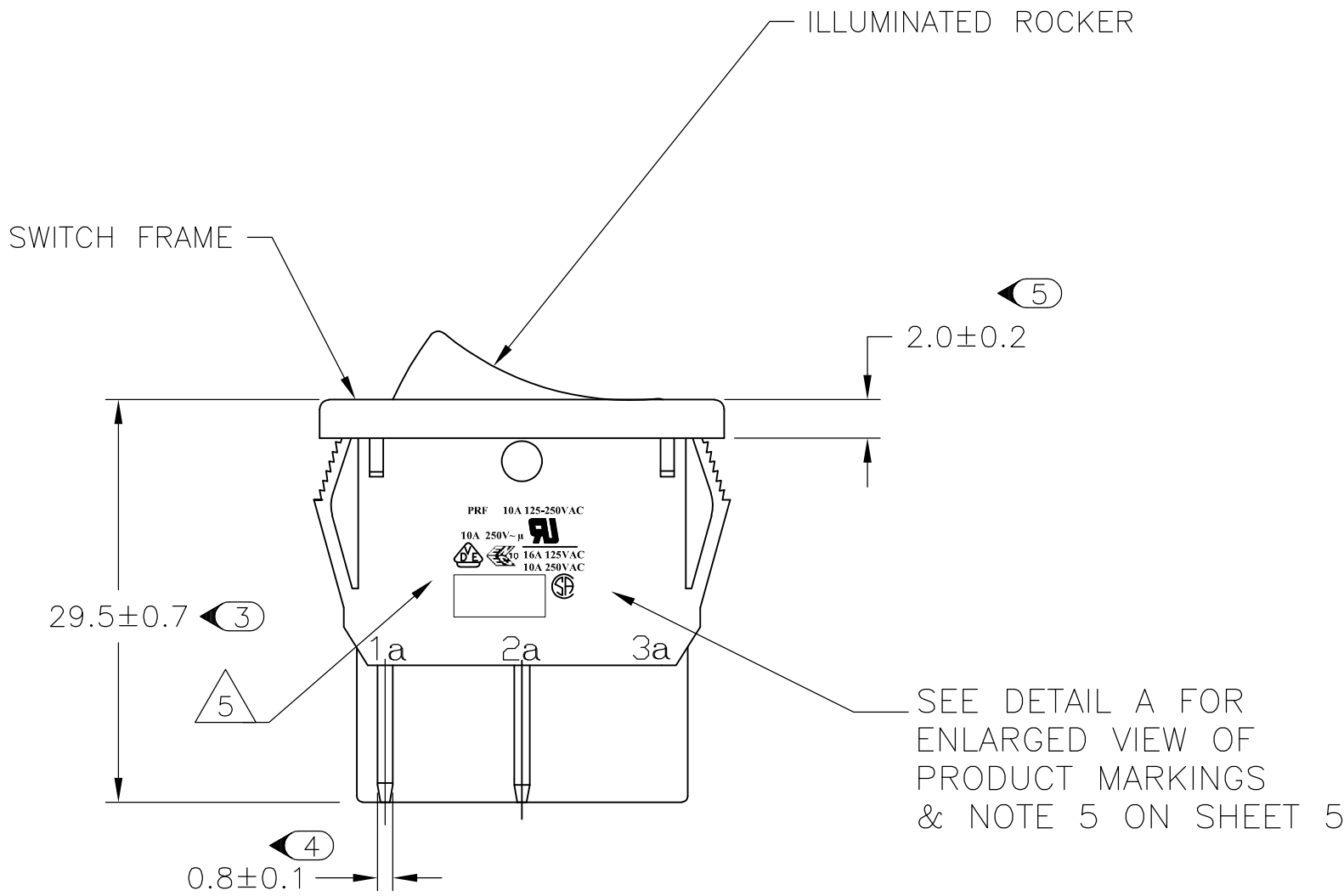
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B		—	SEE SHEET 1	—	—	—



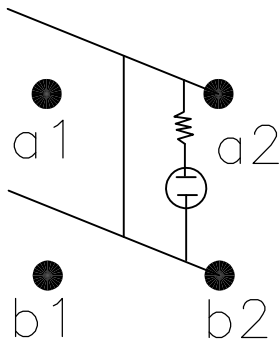
PANEL CUT OUT



2.00–3.00	30.20	22.20
1.25–2.00	30.20	22.20
0.75–1.25	30.20	22.20
PANEL THICKNESS	X	Y



CIRCUIT DIAGRAM



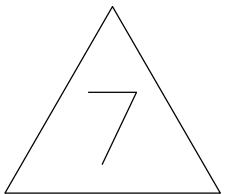
PRODUCT MARKING
DETAIL A

PRF 10A 125-250VAC

10A 250V~μ

10 16A 125VAC
10A 250VAC

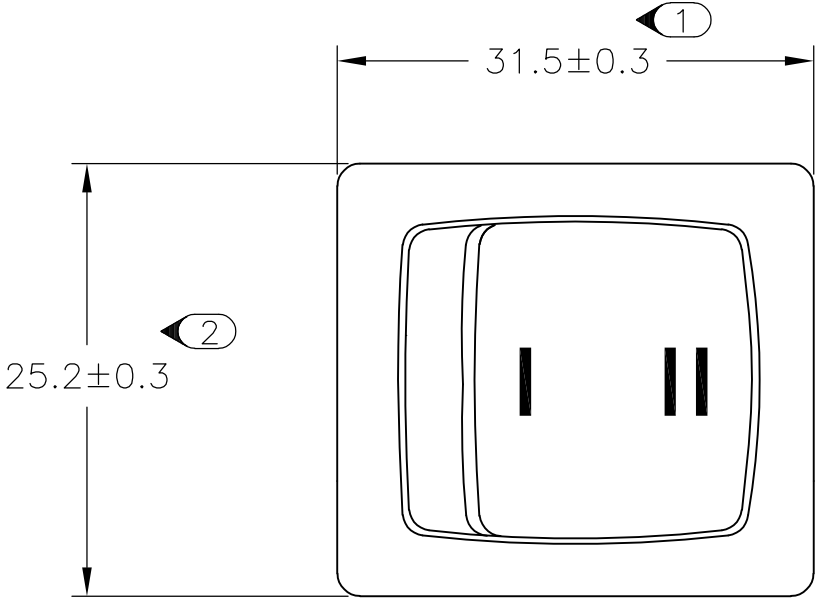
TYCO ELECTRONICS LOGO
PER TEC-202-36



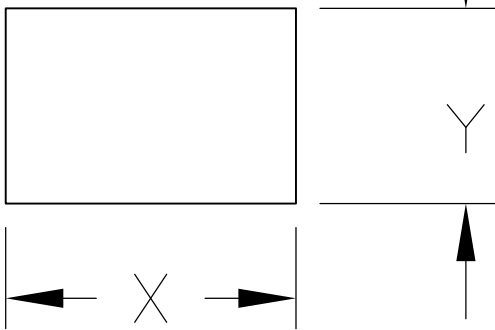
1634201–5 SHOWN ON–OFF
GREEN ILLUMINATED

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN S.SHACKSON 28JAN2003		 Tyco Electronics Corporation Harrisburg, PA 17057					
			CHK H.KAUTZ 28JAN2003							
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD H.KAUTZ 28JAN2003		NAME				
		0 PLC ± -		PRODUCT SPEC		POWER ROCKER SWITCH, 30.2mm X 22.2mm				
		1 PLC ± 0.5		NOT APPLICABLE		PANEL CUT-OUT SIZE, DOUBLE POLE, SINGLE THROW,				
		2 PLC ± -		APPLICATION SPEC		NON-ILLUMINATED				
		3 PLC ± -		NOT APPLICABLE		SIZE				
4 PLC ± -		ANGLES ± -		WEIGHT -		CAGE CODE		DRAWING NO	RESTRICTED TO	
MATERIAL		FINISH				A2 00779		C=1634201		
CUSTOMER DRAWING						SCALE 3:1		SHEET 2 OF 5		REV D

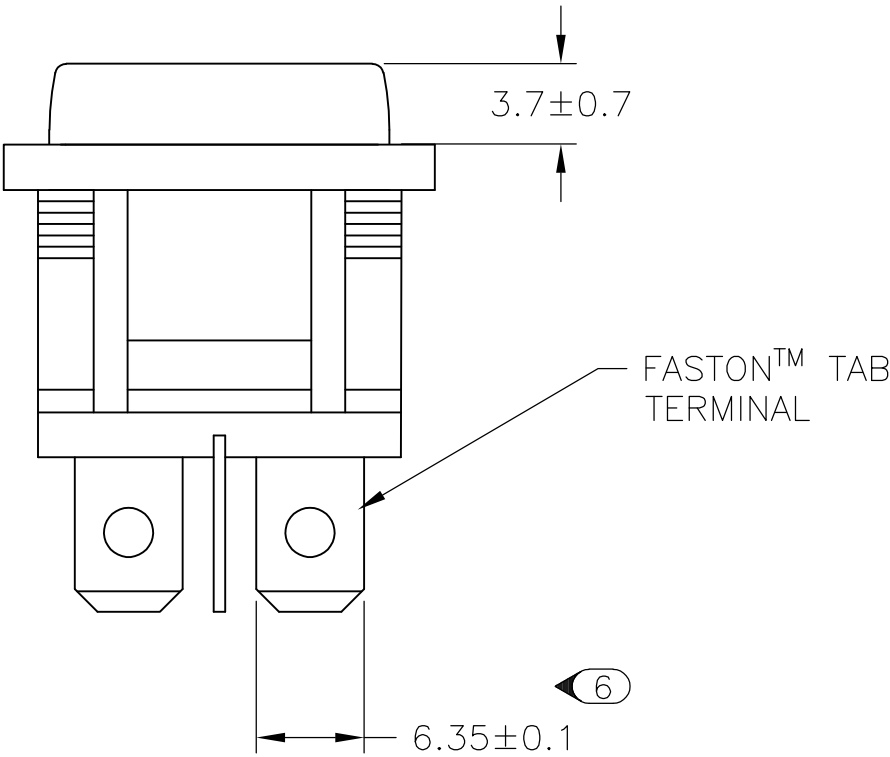
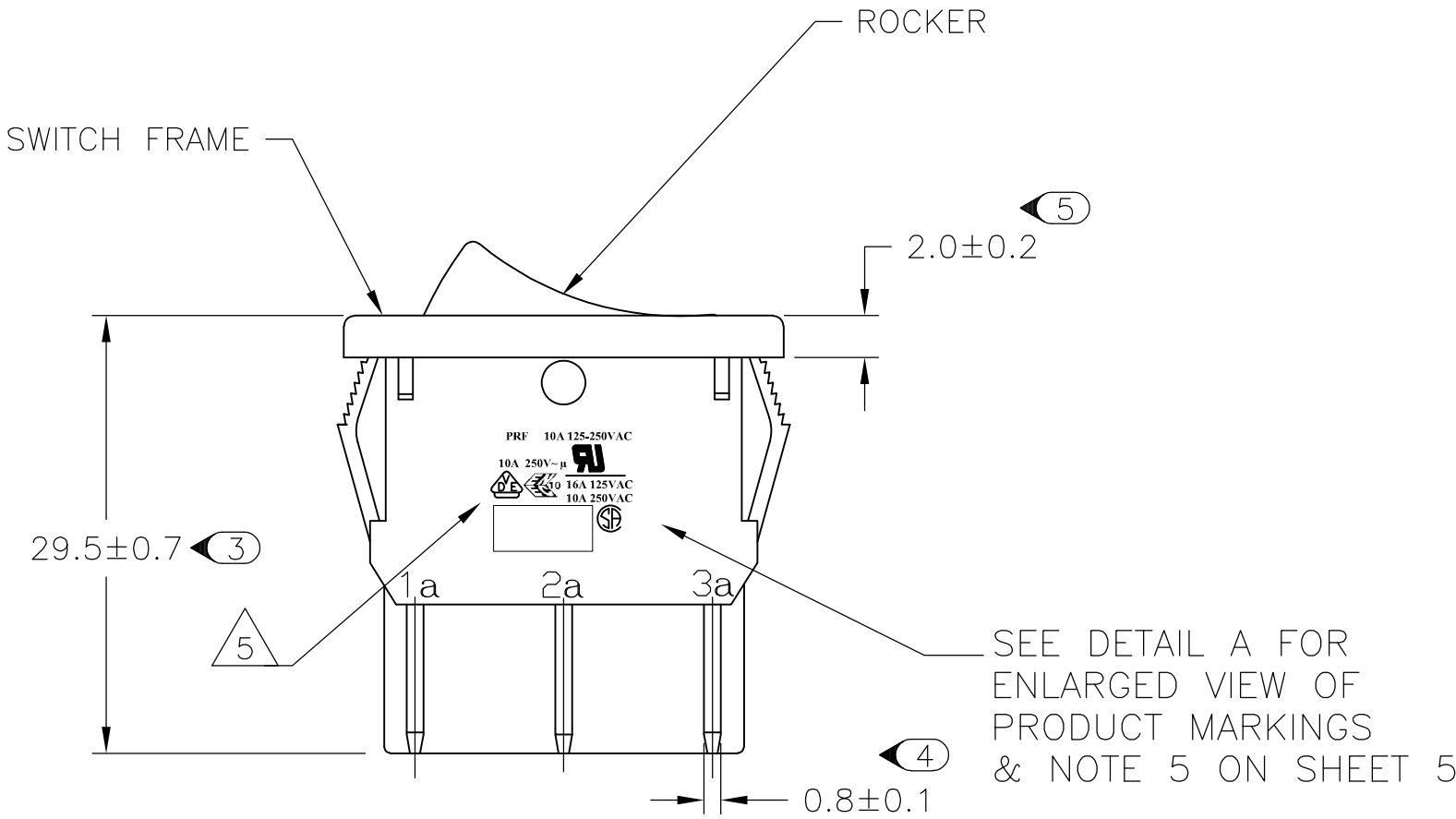
LOC	DIST	REVISIONS				
E	B	P	LTR	DESCRIPTION	DATE	APVD
		—	—	SEE SHEET 1	—	—



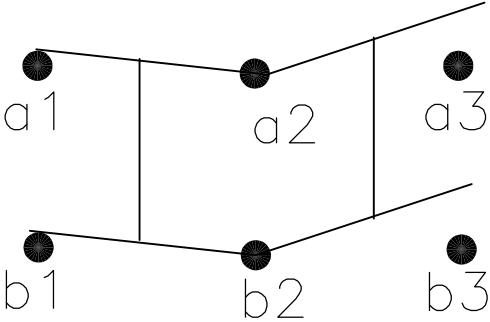
PANEL CUT OUT



2.00–3.00	30.20	22.20
1.25–2.00	30.20	22.20
0.75–1.25	30.20	22.20
PANEL THICKNESS	X	Y



CIRCUIT DIAGRAM



PRODUCT MARKING
DETAIL A

PRF 10A 125-250VAC

10A 250V~μ

DE

10

16A 125VAC
10A 250VAC

TYCO ELECTRONICS LOGO

PER TEC-202-36

SP

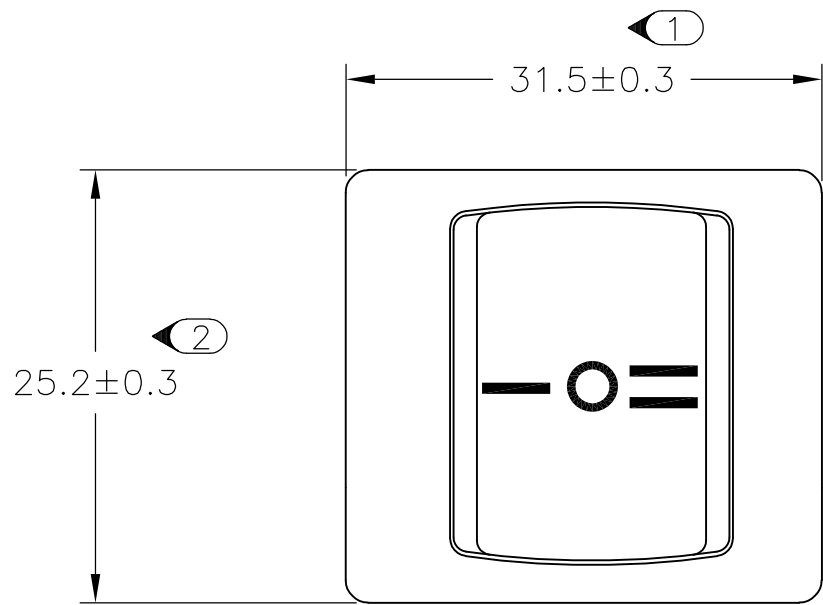
12

8 1634201–8 SHOWN ON–ON

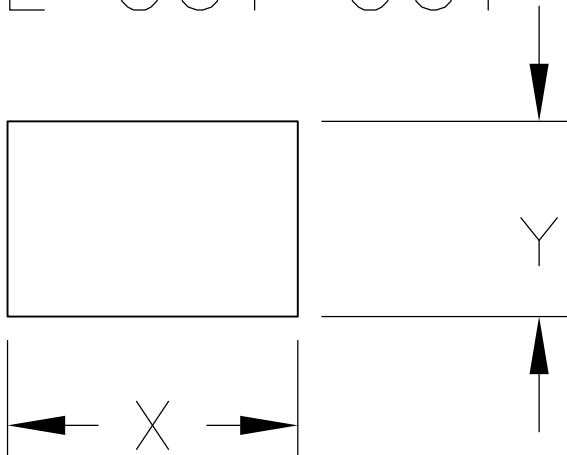
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.SHACKSON 28JAN2003		Tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17057					
DIMENSIONS: MM		CHK H.KAUTZ 28JAN2003							
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	0 PLC	± -	PRODUCT SPEC						
	1 PLC	± 0.5	NOT APPLICABLE						
	2 PLC	± -	APPLICATION SPEC						
	3 PLC	± -	NOT APPLICABLE						
4 PLC	± -	WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
MATERIAL	FINISH	-		A2	00779	C-1634201	-		
CUSTOMER DRAWING				SCALE	3:1	SHEET	3 OF 5	REV	D

LOC	DIST	REVISIONS				
E	B	P	LTR	DESCRIPTION	DATE	APVD
		—	—	SEE SHEET 1	—	—

D

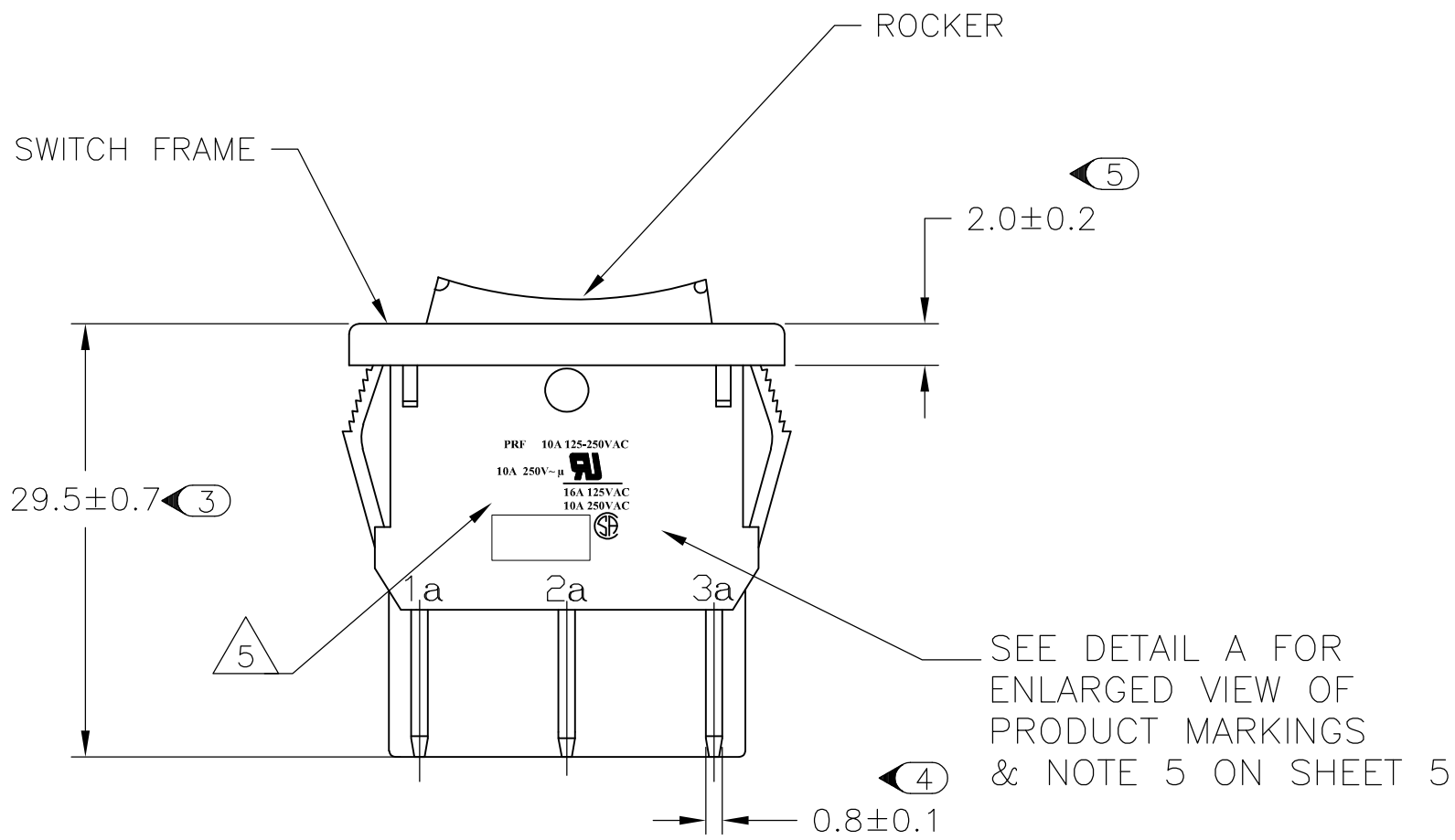


PANEL CUT OUT

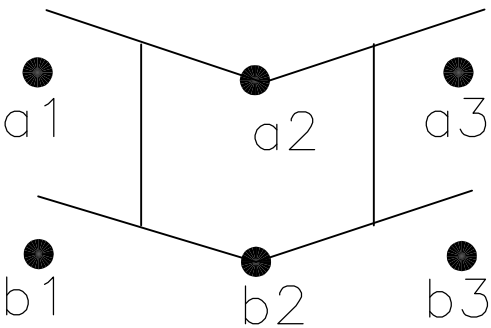


2.00–3.00	30.20	22.20
1.25–2.00	30.20	22.20
0.75–1.25	30.20	22.20
PANEL THICKNESS	X	Y

C



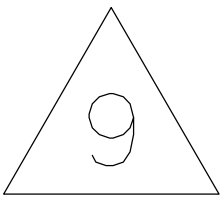
CIRCUIT DIAGRAM



PRODUCT MARKING
DETAIL A

PRF 10A 125-250VAC
10A 250V~μ 
16A 125VAC
10A 250VAC

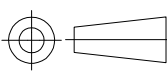
TYCO ELECTRONICS LOGO
PER TEC-202-36 



1–1634201–2 SHOWN ON–OFF–ON

B

A

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DIMENSIONS: MM		CHK H.KAUTZ 28JAN2003				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD H.KAUTZ 28JAN2003	NAME POWER ROCKER SWITCH, 30.2mm X 22.2mm		
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	1 PLC ± 0.5		APPLICATION SPEC	RESTRICTED TO		
	2 PLC ± –		NOT APPLICABLE	—		
MATERIAL		FINISH	WEIGHT —	SIZE A2	CAGE CODE 00779	DRAWING NO C=1634201
CUSTOMER DRAWING			SCALE 3:1	SHEET 4	OF 5	REV D

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

—

SEE SHEET 1

—

—

—

ALCOSWITCH PART NUMBER

X₁X₂

X₃

X₄

X₅X₆

—

X₇X₈

X₉

—

X₁₀X₁₁

X₁₂

X₁₃

X₁₄

1

MATERIALS:
HOUSING FRAME: NYLON 66.
ACTUATOR: NYLON 66/ PC(ILLUMINATED)
TERMINALS C1100R-1/2H WITH SILVER PLATED CONTACTS AgALLOY

2

FINISH:
TERMINAL, ACTIVE CONTACTOR: 1.0µm [.000039] SILVER
PLUNGER: 3.0mm[.000118] NICKEL

3

ELECTRICAL SPECIFICATIONS:
CONTACT RESISTANCE : 50m ohm Max
DIELECTRIC STRENGTH : AC 1500V, 1 MINUTE
OPERATION TEMPERATURE: -20°C~85°c
INSULATION R: DC 500V 100M ohm MIN

4

CURRENT AND VOLTAGE 16A@125VAC/10A@250VAC

5

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS,
TE LOGO PER TEC-202-36 APPROXIMATELY AS SHOWN
AND PART NUMBER CAN APPEAR ON EITHER SIDE
(FOR FULL DETAIL SEE INDIVIDUAL DRAWING)

6

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

7

ON-OFF, WITH TRANSPARENT, LAMP-ILLUMINATED ROCKER BUTTON.

8

ON-ON, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.

9

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

10

PACKAGING TO CONFORM WITH TYCO SPEC. 107-115

11

 REFER TO QIP DIMENSIONAL REPORT

12

COMPONENT RECOGNIZED TO EUROPEAN STANDARDS (ENEC, PENDING VDE).
MARKS LICENSE No. 40006757

SWITCH TYPE: X₁X₂ = PR - POWER ROCKER

NOMINAL PANEL CUT OUT SIZE: X₃ = F- 30.2X22.2 [.1.189x.874]

NUMBER OF POLES: X₄ = D - DOUBLE

SWITCH FUNCTION: X₅X₆ = A1 - 
B1 - 
D1 - 
D3 - 

CURRENT RATING: X₇X₈ = 16 - 

TERMINAL TYPE: X₉ = F - FASTON™ TAB

FRAME COLOR: X₁₀ = B - BLACK
W - WHITE

ROCKER COLOR: X₁₁ = B - BLACK
G - GREEN
R - RED
Y - YELLOW

SECONDARY ROCKER COLOR: X₁₂ = Ø - NOT APPLICABLE
B - BLACK
G - GREEN
R - RED
W - WHITE

LEGEND TEXT PATTERN: X₁₃ =

Ø

B

C

D

E

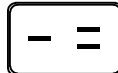
G







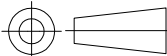






LEGEND TEXT COLOR: X₁₄ = Ø - NOT APPLICABLE
G - GREEN
R - RED
B - BLACK
W - WHITE

1	PRFDA1-16F-BB000	0-1634201-1
1	PRFDA1-16F-BB0BW	0-1634201-2
1	PRFDA1-16F-BB0CW	0-1634201-3
2	PRFDB1-16F-BR000	0-1634201-4
2	PRFDB1-16F-BG000	0-1634201-5
2	PRFDB1-16F-BY000	0-1634201-6
3	PRFDD1-16F-BB000	0-1634201-7
3	PRFDD1-16F-BB0DW	0-1634201-8
3	PRFDD1-16F-BB0EW	0-1634201-9
4	PRFDD3-16F-BB000	1-1634201-0
4	PRFDD3-16F-BB0EW	1-1634201-1
4	PRFDD3-16F-BB0GW	1-1634201-2
SHEET REF	ALCO SWITCH PART NUMBER.	TE PART NUMBER.

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		APVD H.KAUTZ 28JAN2003	SIZE A2	
		PRODUCT SPEC	CAGE CODE 00779	
		APPLICATION SPEC	DRAWING NO C=1634201	
MATERIAL	FINISH	WEIGHT —	RESTRICTED TO —	
CUSTOMER DRAWING			SCALE 3:1	SHEET 5 OF 5
			REV D	

AMP 1471-9 REV 31MAR2000

1634201