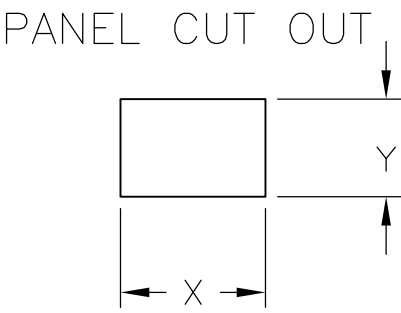
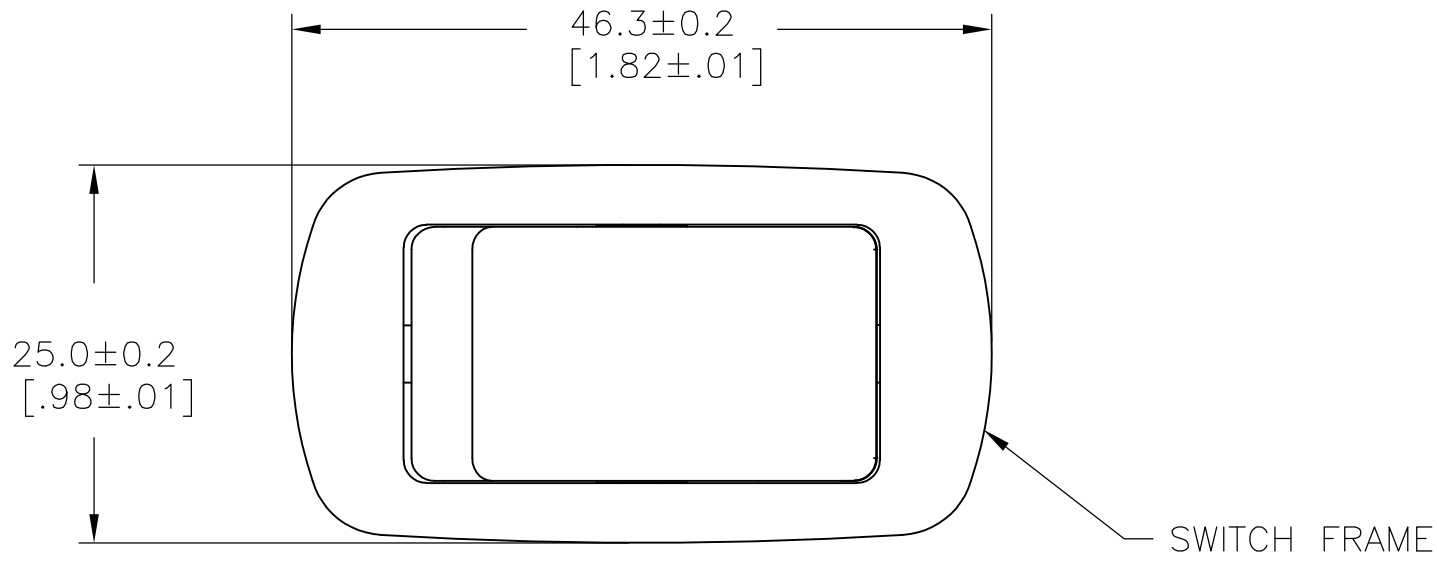
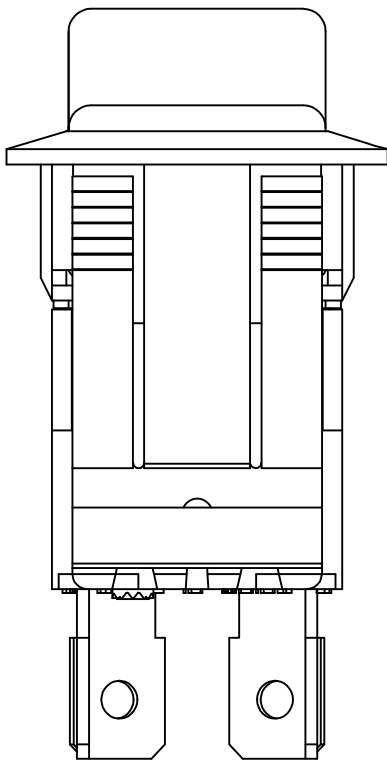
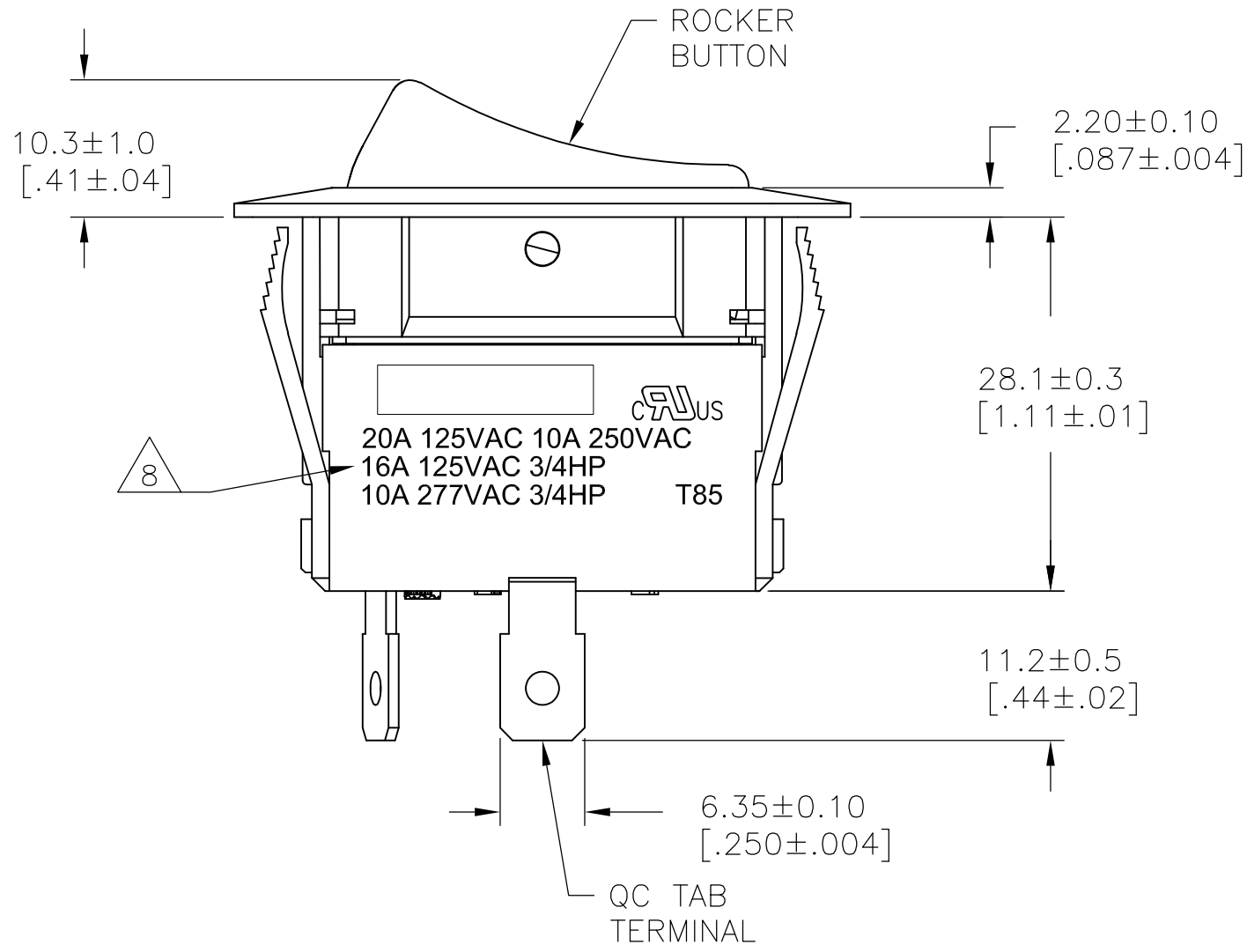


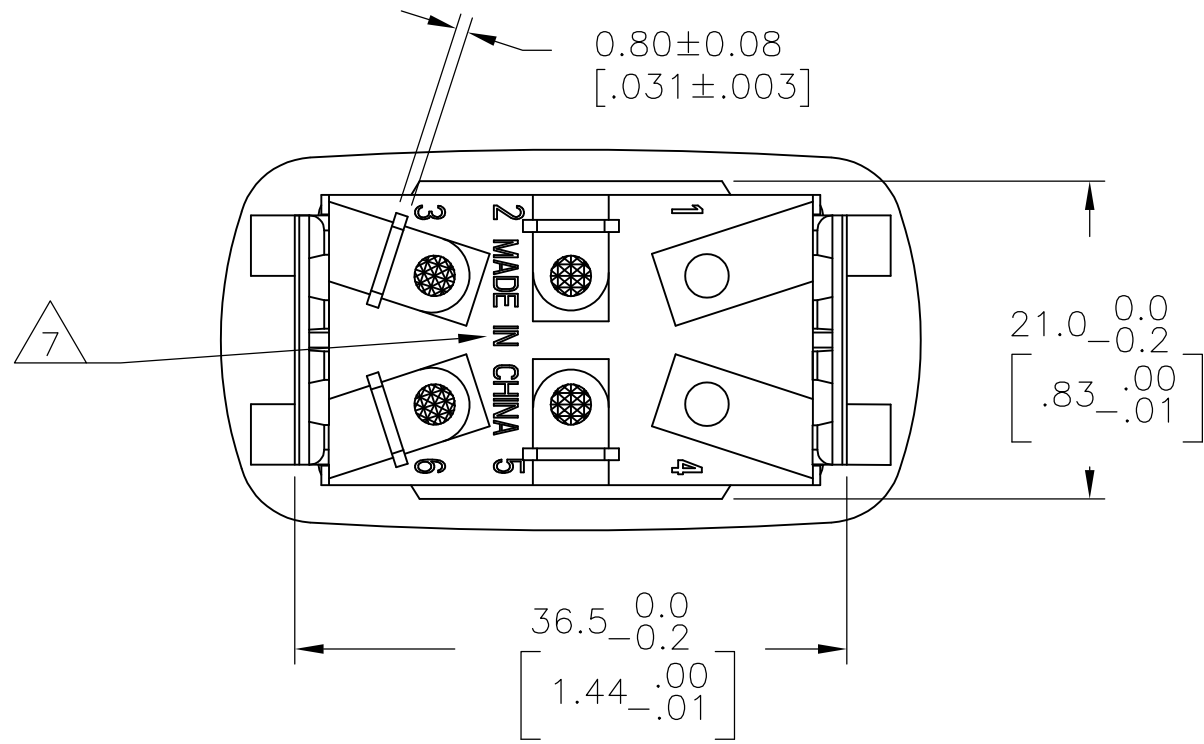
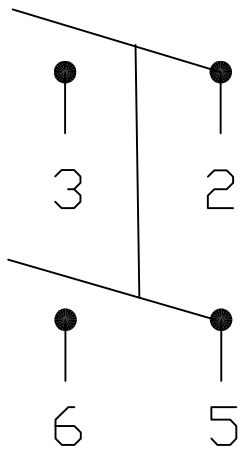
LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	DWN
		D		REVISED PER ECO-14-016691	05NOV2014	NK
						APVD RH



2.00–3.00 [.079–.118]	21.2+0.1 [.835+.004]	37.0+0.2 [1.457+.008]
1.25–2.00 [.049–.079]	21.2+0.1 [.835+.004]	36.8+0.2 [1.449+.008]
.075–1.25 [.030–.049]	21.2+0.1 [.835+.004]	36.6+0.2 [1.441+.008]
PANEL THICKNESS	Y	X



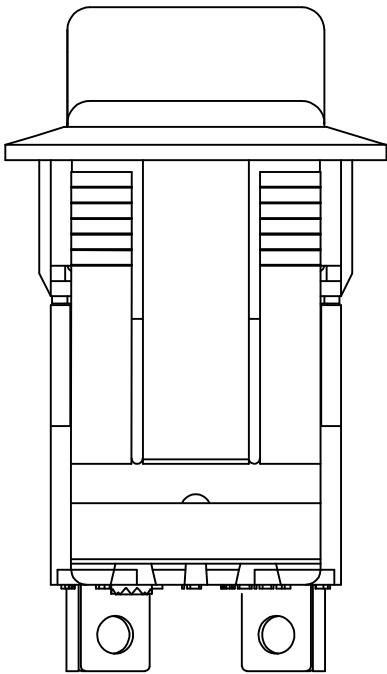
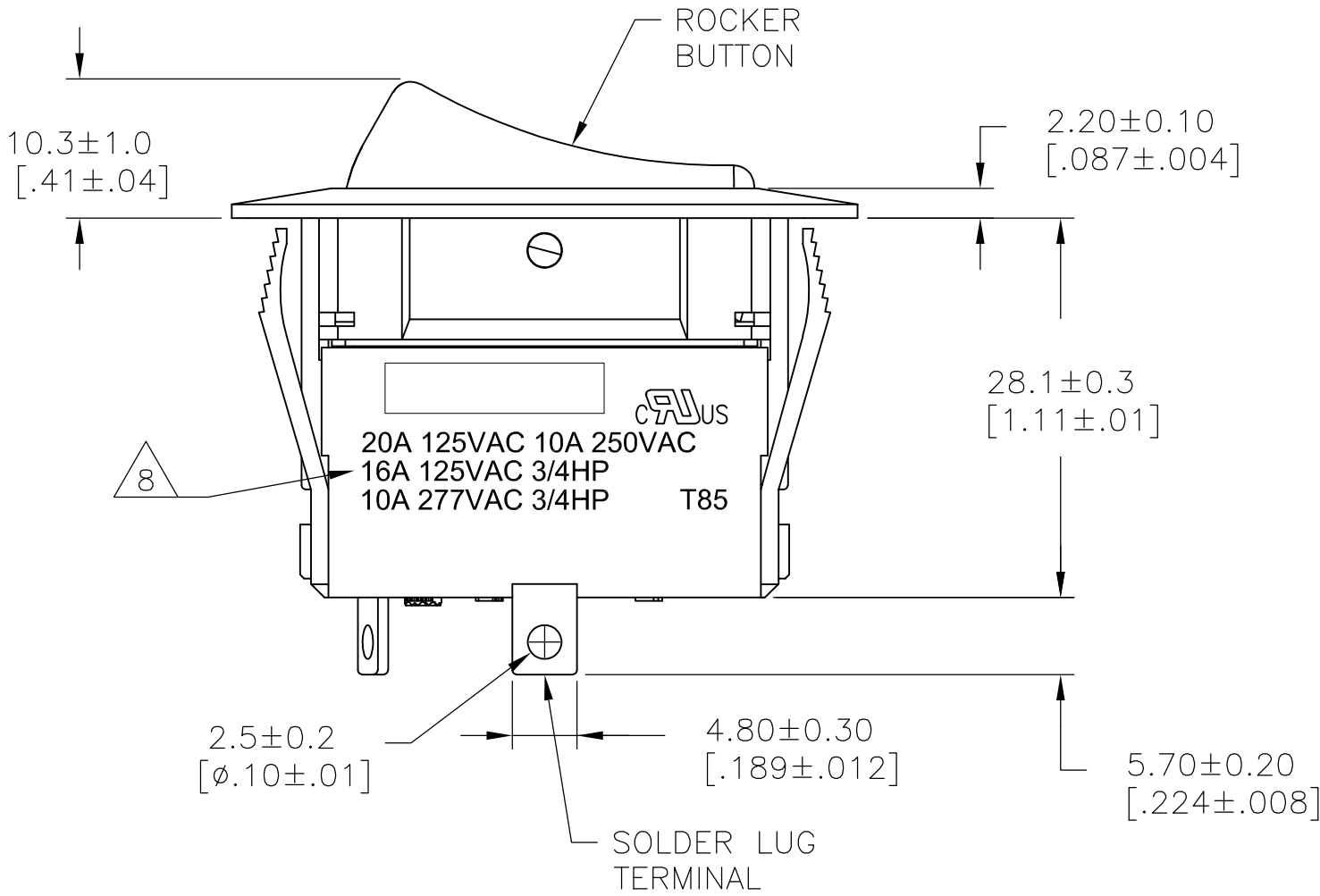
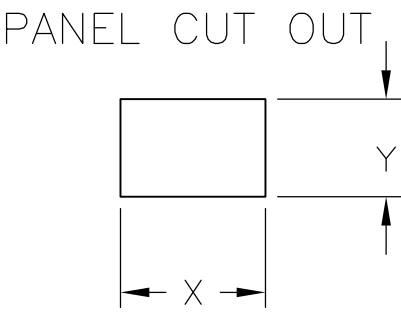
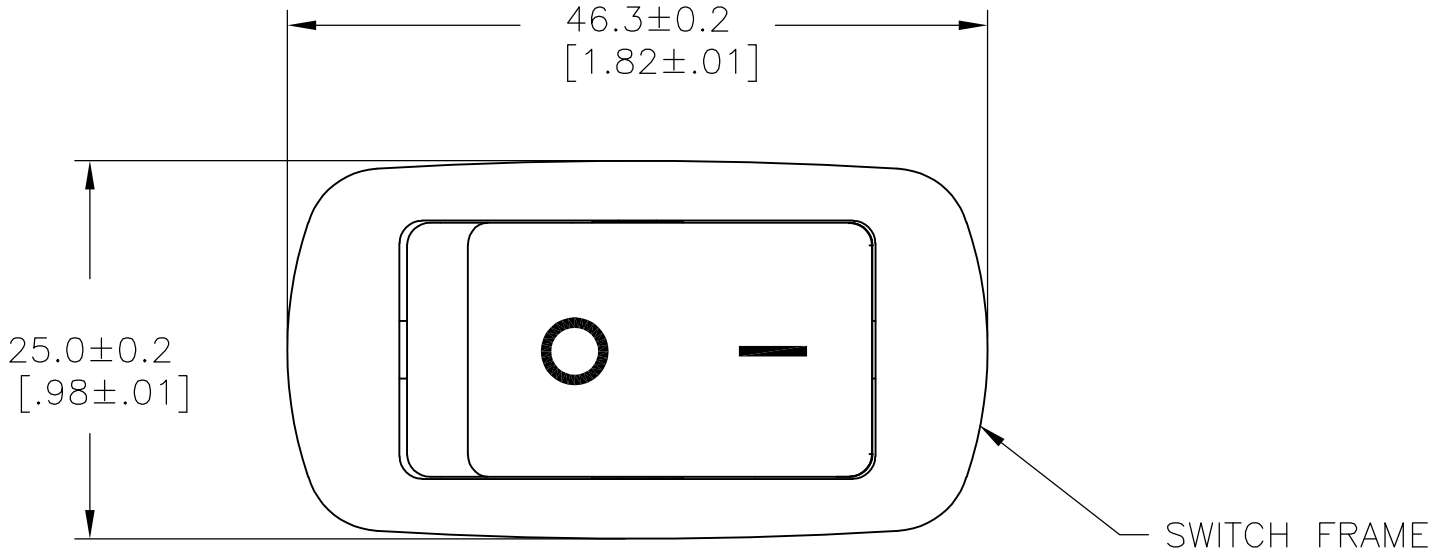
SWITCH FUNCTION A1
CIRCUIT DIAGRAM



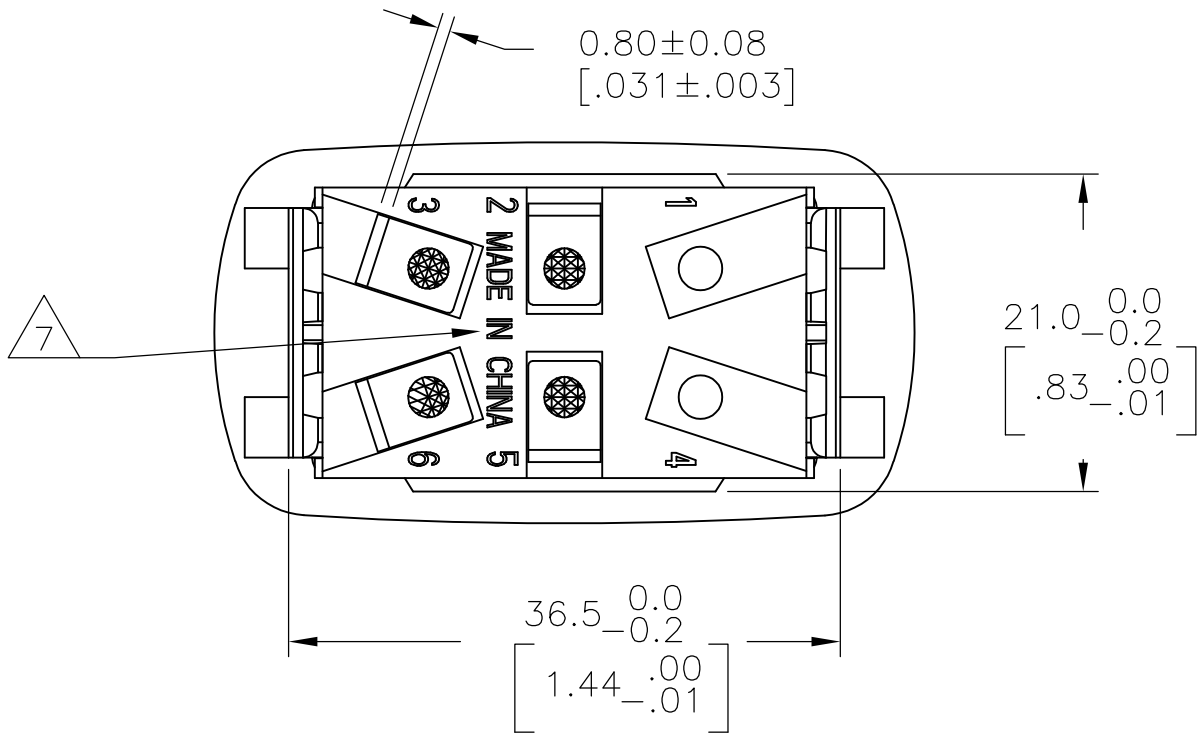
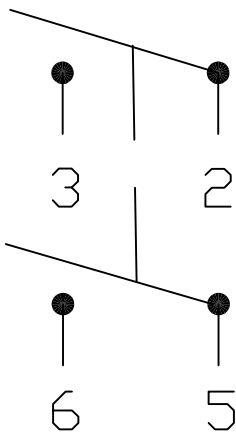
1571102-1
SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK D.ROHDE 16NOV05				
		APVD D.ROHDE 16NOV05	NAME POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN PANEL CUT-OUT SIZE DOUBLE POLE, SINGLE THROW, NON-ILLUMINATED			
		PRODUCT SPEC	SIZE A2			
MATERIAL 1		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH 2	APPLICATION SPEC	CAGE CODE 00779	DRAWING NO C=1571102	RESTRICTED TO -
CUSTOMER DRAWING			WEIGHT -	SCALE 2:1	SHEET 1 of 4	REV D

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



SWITCH FUNCTION A1
CIRCUIT DIAGRAM



1571102-5
SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL

1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH 2

DWN M.BINNER 25FEB2002

CHK D.ROHDE 16NOV05

APVD D.ROHDE 16NOV05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME

POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN
PANEL CUT-OUT SIZE
DOUBLE POLE, SINGLE THROW, NON-ILLUMINATED

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1571102

RESTRICTED TO

-

SCALE

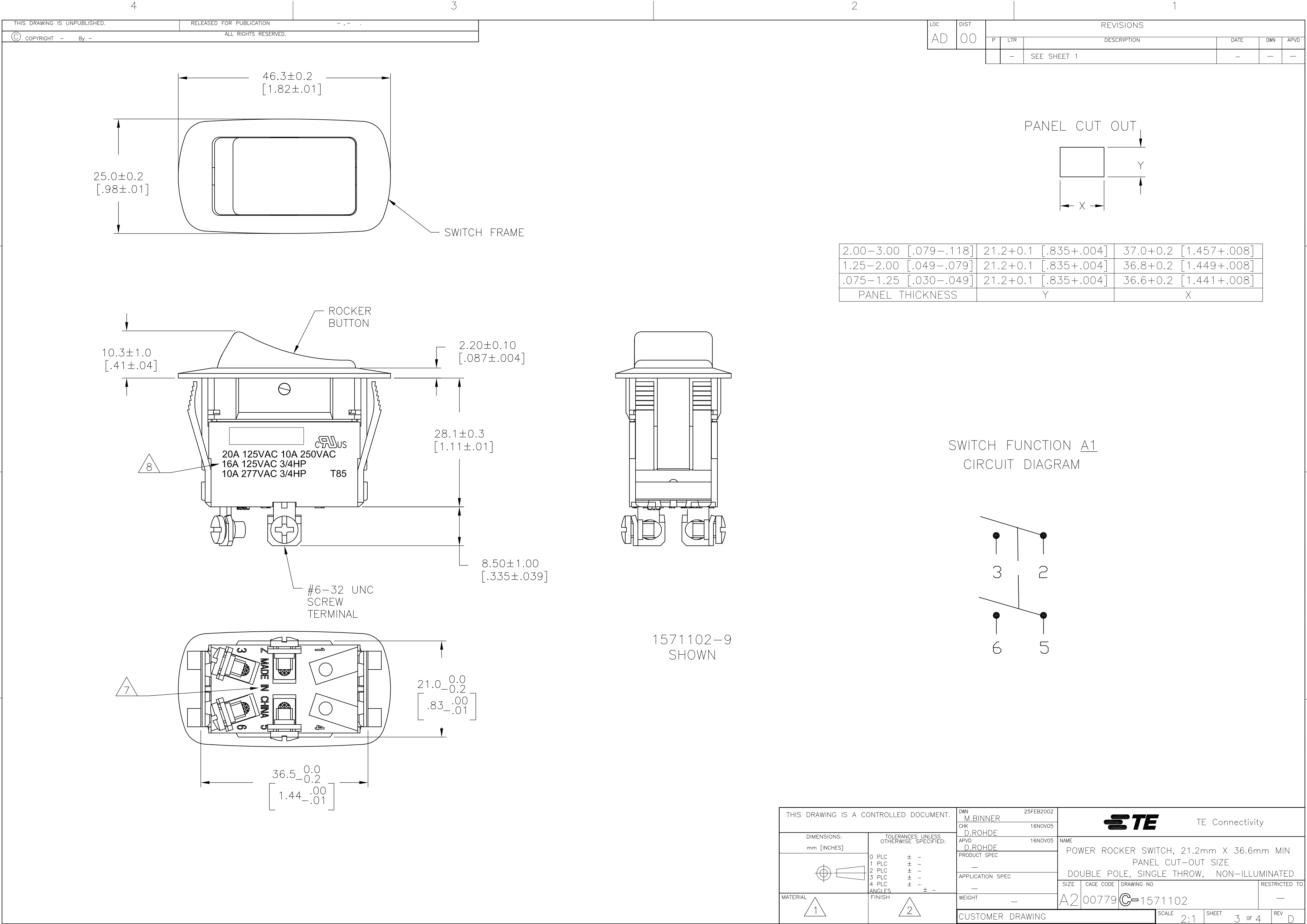
2:1

SHEET

2 of 4

REV

D



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

2.00-3.00	[.079-.118]	21.2+0.1	[.835+.004]	37.0+0.2	[1.457+.008]
1.25-2.00	[.049-.079]	21.2+0.1	[.835+.004]	36.8+0.2	[1.449+.008]
.075-1.25	[.030-.049]	21.2+0.1	[.835+.004]	36.6+0.2	[1.441+.008]
PANEL THICKNESS		Y		X	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002		 TE Connectivity					
		CHK D.ROHDE 16NOV05							
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME					
		APVD D.ROHDE 16NOV05		POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN PANEL CUT-OUT SIZE					
		PRODUCT SPEC		DOUBLE POLE, SINGLE THROW, NON-ILLUMINATED					
		—							
		APPLICATION SPEC							
		—		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
MATERIAL		FINISH		A2 00779		C=1571102	—		
				CUSTOMER DRAWING					
				SCALE	2:1	SHEET	3 of 4	REV	D

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RELEASED FOR PUBLICATION

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LOCAD

DIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

1

MATERIALS:
ROCKER BUTTON, FRAME & HOUSING: NYLON 66, UL 94 V-2.
PLUNGER: PHENOLIC
SEAL: SILICONE RUBBER
SCREW TERMINAL, ACTIVE CONTACTOR, CONTACTOR SUPPORT: COPPER ALLOY PER ASTM B152
QC & SOLDER TERMINAL: COPPER ALLOY PER ASTM B036
SPRING: STEEL WIRE
CONTACTS: SILVER-TIN OXIDE

2

FINISH:
CONTACTOR SUPPORT, ACTIVE CONTACTOR: 1.01µm [.000040] MIN SILVER
QC TERMINAL: 1.27µm [.000050] MIN NICKEL
SOLDER TERMINAL: 1.27µm [.000050] MIN TIN

3

ELECTRICAL SPECIFICATIONS:
CURRENT AND VOLTAGE: 6
CONTACT RESISTANCE (INITIAL): <50mΩ
DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE
INSULATION RESISTANCE (INITIAL): >100MΩ MIN (500VDC 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: 1100g MIN, 1900g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL RETENTION FORCE: >9kg- SOLDER LUG
>9kg- QC TAB
>6.8kg- #6-32 UNC SCREW TERMINAL

5

ENVIRONMENTAL SPECIFICATIONS:
AMBIENT TEMPERATURE: -20°C TO +85°C
DEGREE OF PROTECTION: IP66

6

20A 125VAC, 10A 250VAC/16A 125VAC, 3/4HP/ 10A 277VAC, 3/4HP

7

COUNTRY OF ORIGIN AND TERMINAL IDENTIFICATION NUMBERS
MOLDED APPROXIMATELY AS SHOWN ON THE SWITCH HOUSING.

8

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS AND THE TE CONNECTIVITY LOGO LASER MARKED APPROXIMATELY AS SHOWN ON THE SWITCH HOUSING.

9

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

10

ROHS 2002/95/EC COMPLIANT

ALCOSWITCH PART NUMBER

X1X2X3X4X5X6

X7X8X9

X10X11X12X13X14

SWITCH TYPE: X1X2 = PR - POWER ROCKER

PANEL CUT OUT SIZE: X3 = C - 21.2x36.6 MIN
[.835x1.441]

NUMBER OF POLES: X4 = D - DOUBLE

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

CURRENT RATING: X7X8 = 20 - 6

TERMINAL TYPE: X9 = E - QC TAB
L - SOLDER LUG
S - #6-32 UNC SCREW

FRAME COLOR: X10 = B - BLACK
W - WHITE

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

SECONDARY ROCKER COLOR: X12 = Ø - NOT APPLICABLE

LEGEND TEXT PATTERN: X13 =

Ø

A

B

C

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

3	PRCDA1-20S-BB0CW	1-1571102-1
3	PRCDA1-20S-BB0BW	1-1571102-0
3	PRCDA1-20S-BB000	1571102-9
2	PRCDA1-20L-BR000	1571102-8
1	PRCDA1-20F-BR000	1571102-7
2	PRCDA1-20L-BB0CW	1571102-6
2	PRCDA1-20L-BB0BW	1571102-5
2	PRCDA1-20L-BB000	1571102-4
1	PRCDA1-20F-BB0CW	1571102-3
1	PRCDA1-20F-BB0BW	1571102-2
1	PRCDA1-20F-BB000	1571102-1
SHEET REF	ALCOSWITCH PART NUMBER	TE PART NUMBER

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DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL 1

FINISH 2

DWN M.BINNER 25FEB2002

CHK D.ROHDE 16NOV05

APVD D.ROHDE 16NOV05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN
PANEL CUT-OUT SIZE
DOUBLE POLE, SINGLE THROW, NON-ILLUMINATED

SIZE A2

CAGE CODE 00779

DRAWING NO C=1571102

RESTRICTED TO -

SCALE 2:1

SHEET 4 of 4

REV D

1471-9 (3/11)

1571102

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