

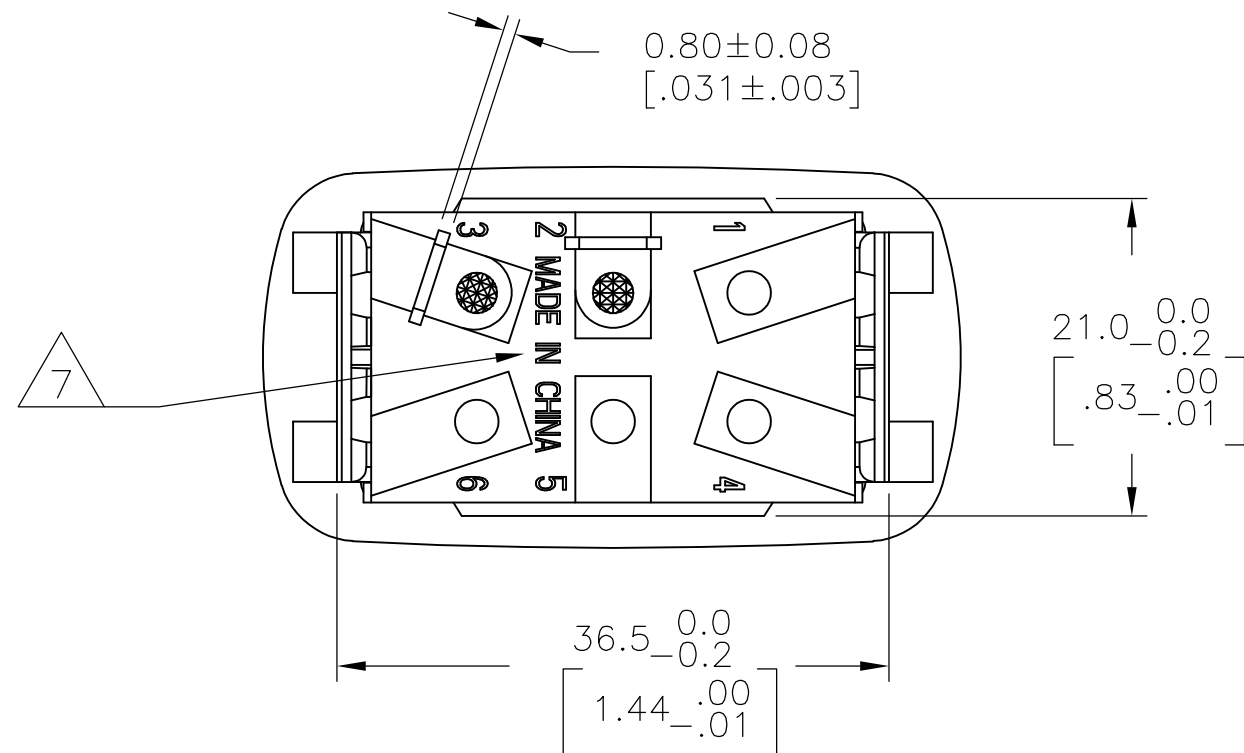
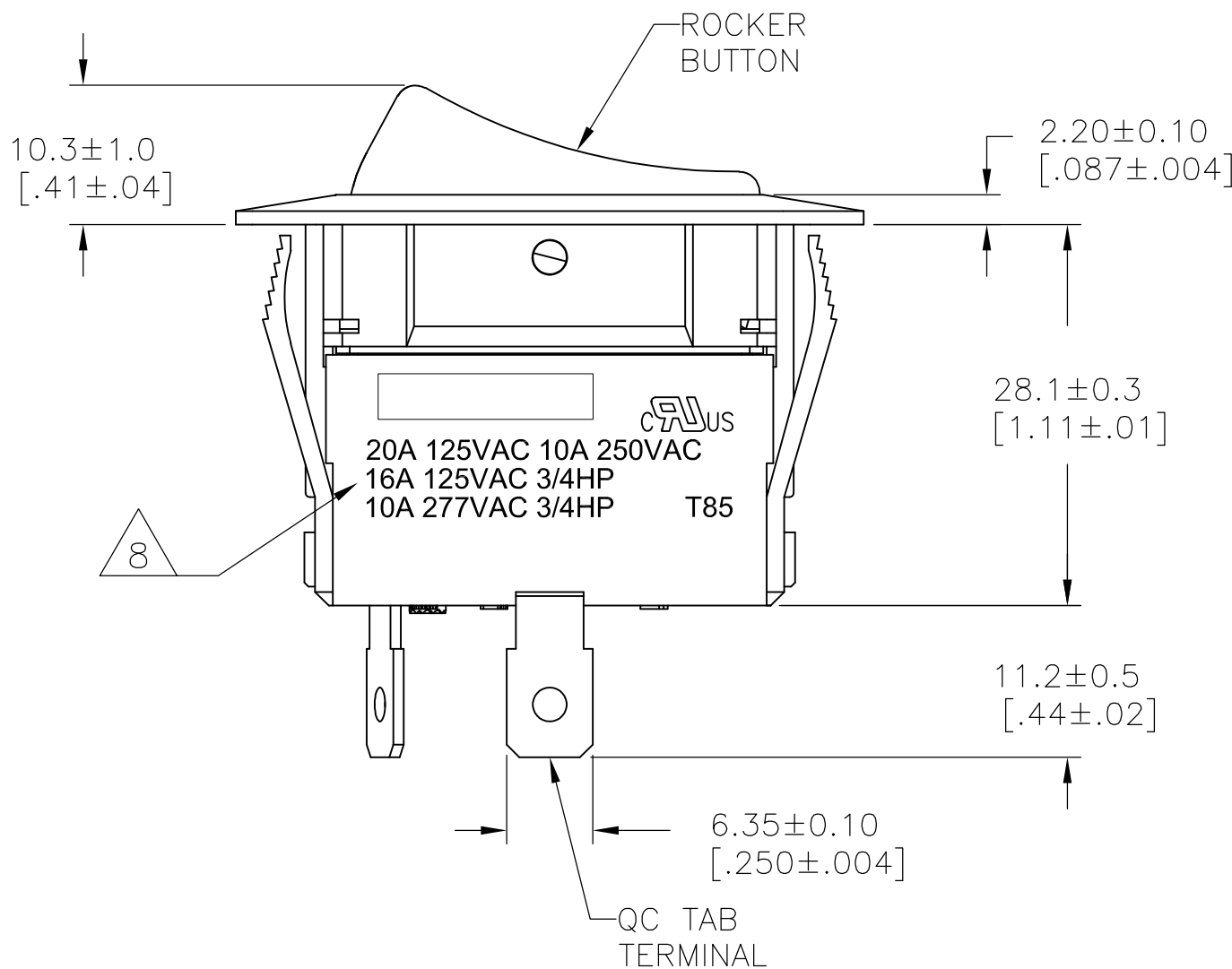
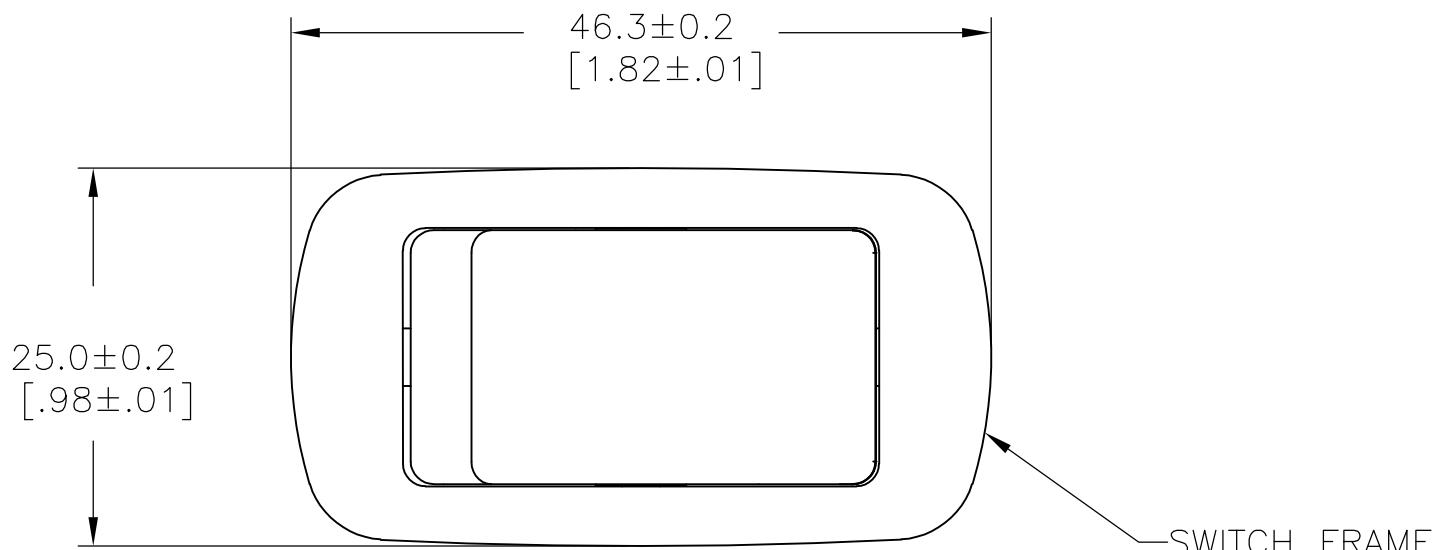
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		D	REVISED PER ECO-14-016691	05NOV2014	NK	RH

D

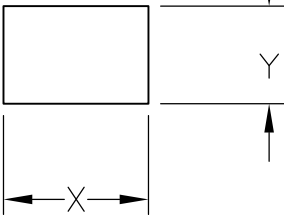
C

B

A

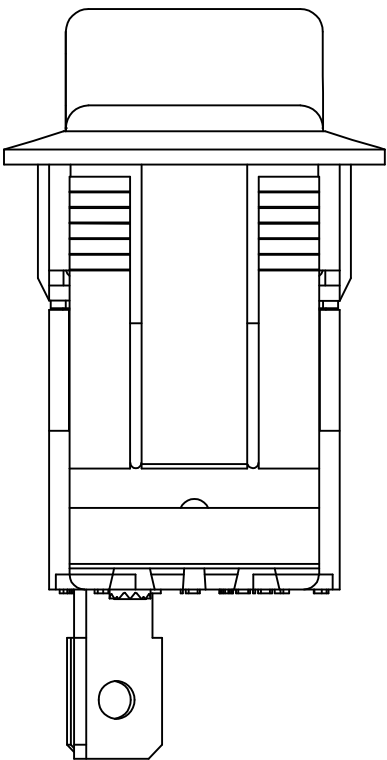
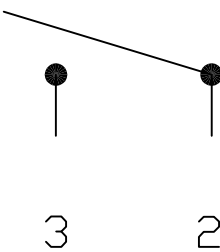


PANEL CUT OUT



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

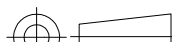
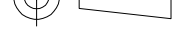


1571095-1
SHOWN

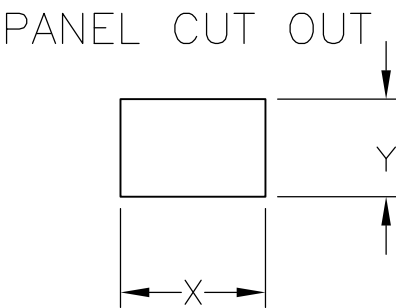
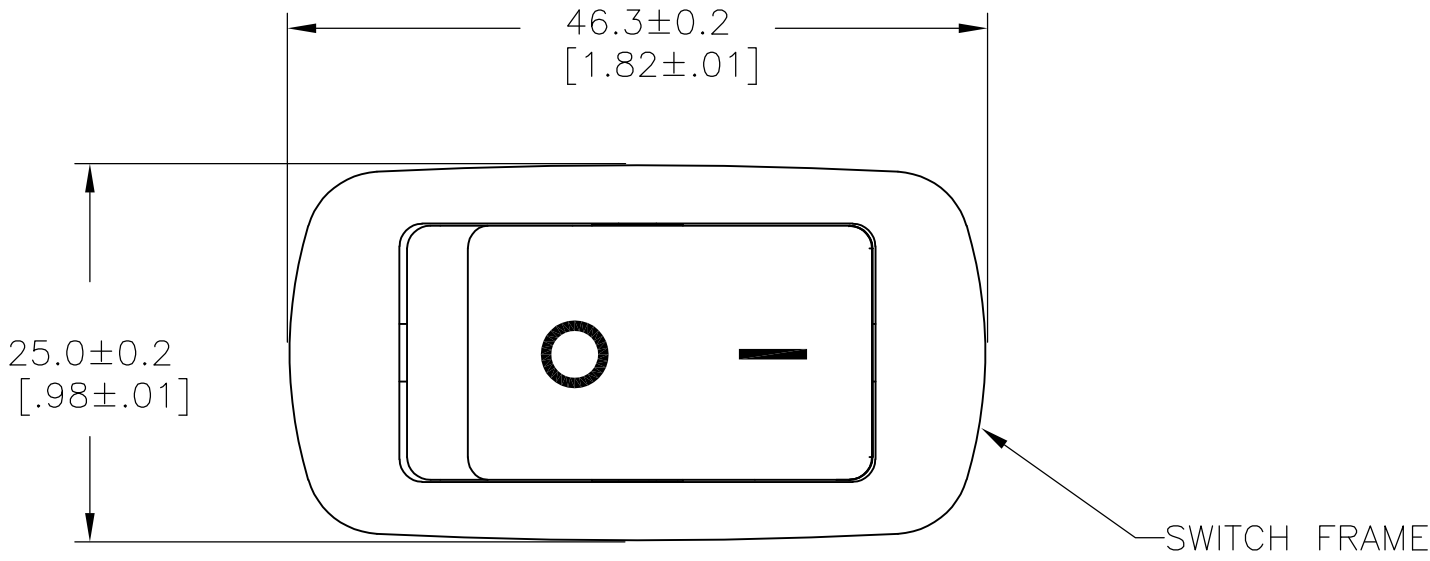
1571095

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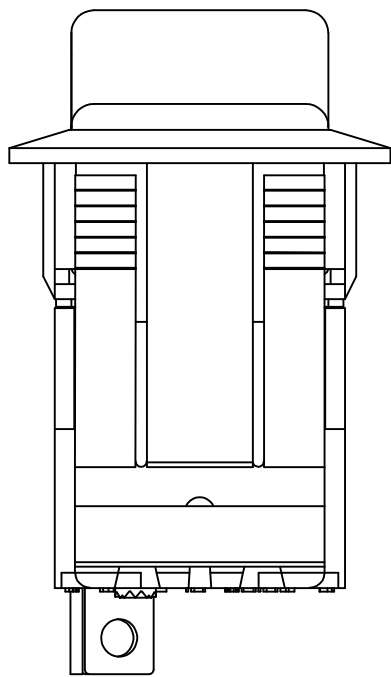
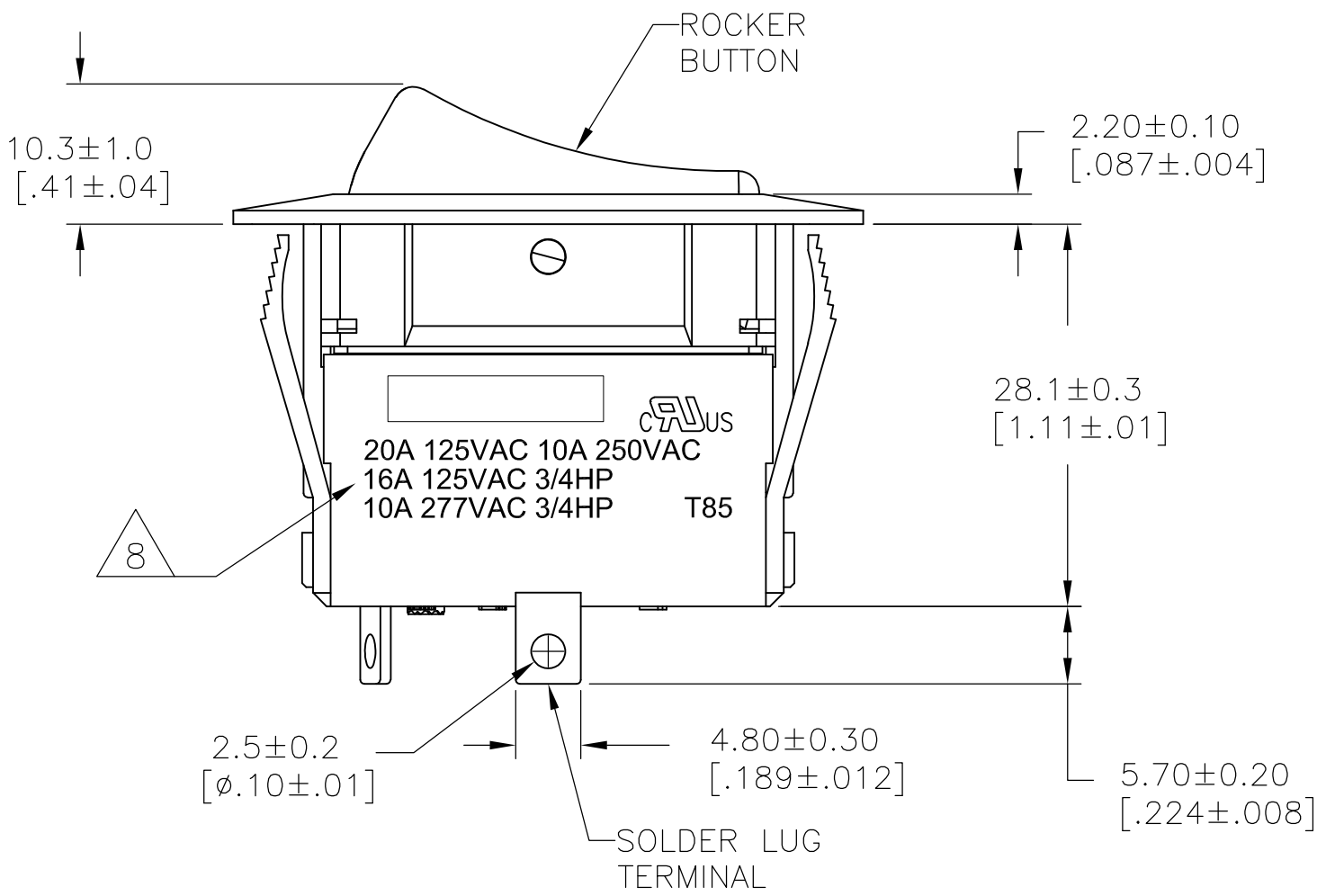
A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002		 TE Connectivity					
		CHK D.ROHDE 16NOV05							
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.ROHDE 16NOV05		NAME			
	0 PLC ± -		PRODUCT SPEC		POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN PANEL CUT-OUT SIZE SINGLE POLE, SINGLE THROW, NON-ILLUMINATED				
	1 PLC ± -		—						
	2 PLC ± -		—						
	3 PLC ± -		APPLICATION SPEC		SIZE		CAGE CODE		
	4 PLC ± -		—		DRAWING NO		RESTRICTED TO		
	ANGLES ± -		—		A2 00779 C=1571095		—		
MATERIAL	FINISH		WEIGHT —						
			CUSTOMER DRAWING				SCALE 2:1	SHEET 1 of 4	REV D

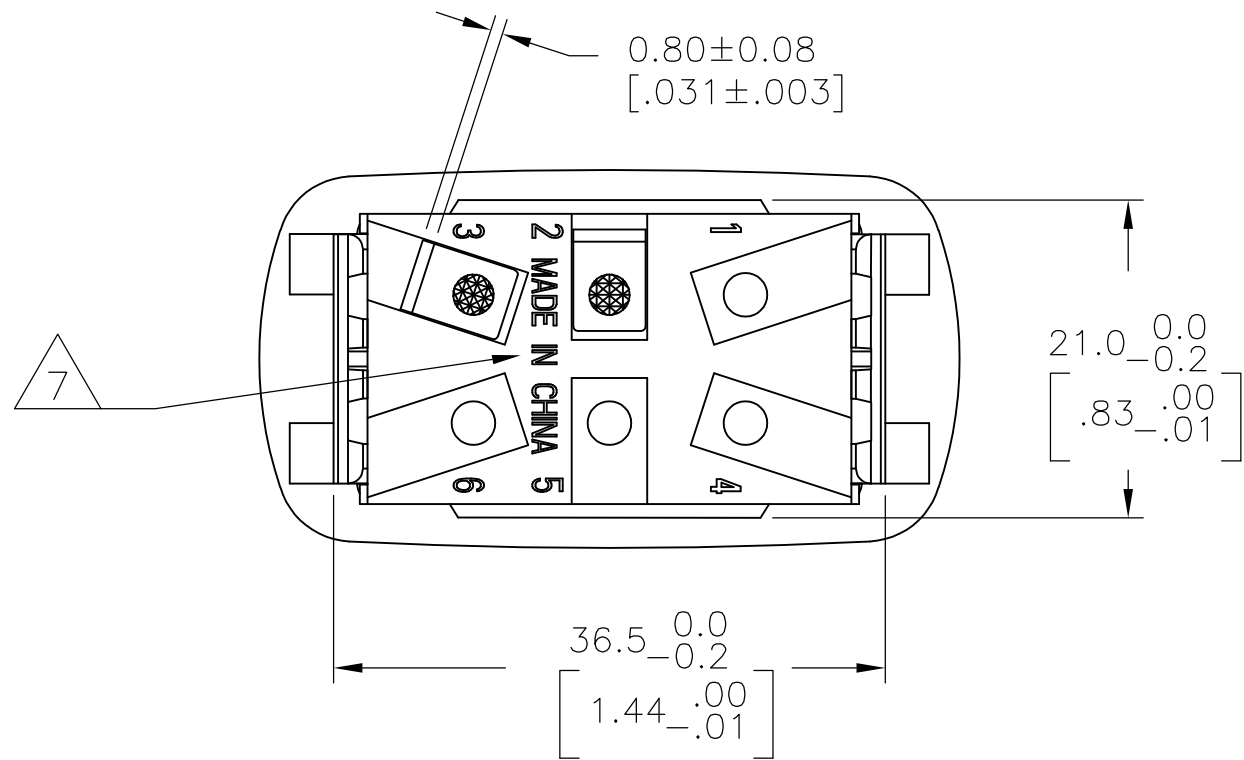
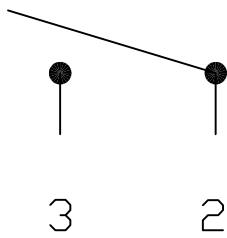
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00						
			—	SEE SHEET 1	—	—	—



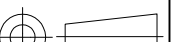
2.00-3.00 [.079-.118]	21.2+0.1 [.835+.004]	37.0+0.2 [1.457+.008]
1.25-2.00 [.049-.079]	21.2+0.1 [.835+.004]	36.8+0.2 [1.449+.008]
.075-1.25 [.030-.049]	21.2+0.1 [.835+.004]	36.6+0.2 [1.441+.008]
PANEL THICKNESS	Y	X



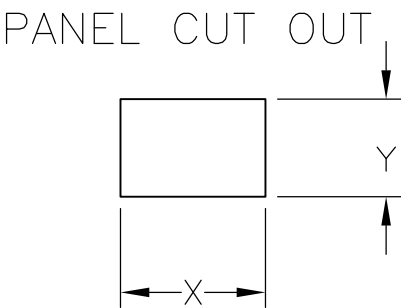
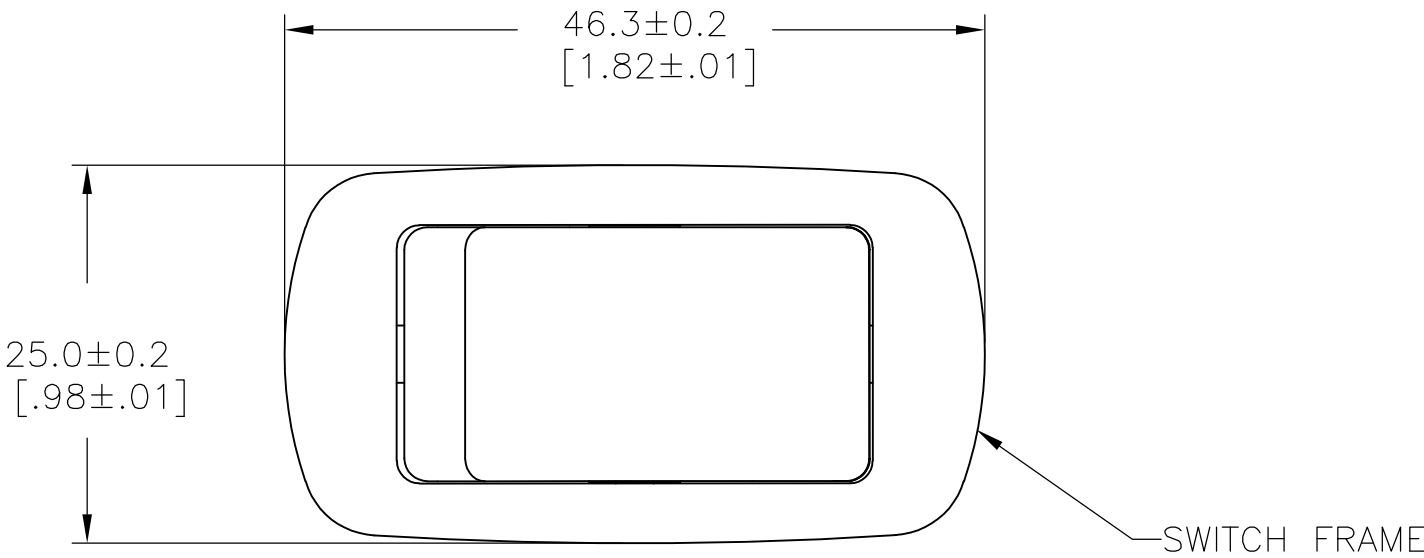
SWITCH FUNCTION A1
CIRCUIT DIAGRAM



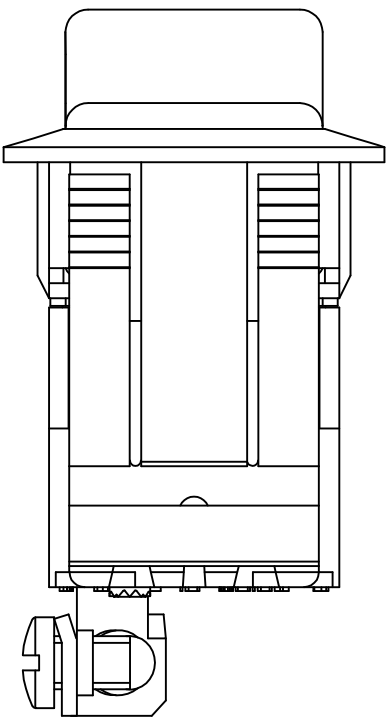
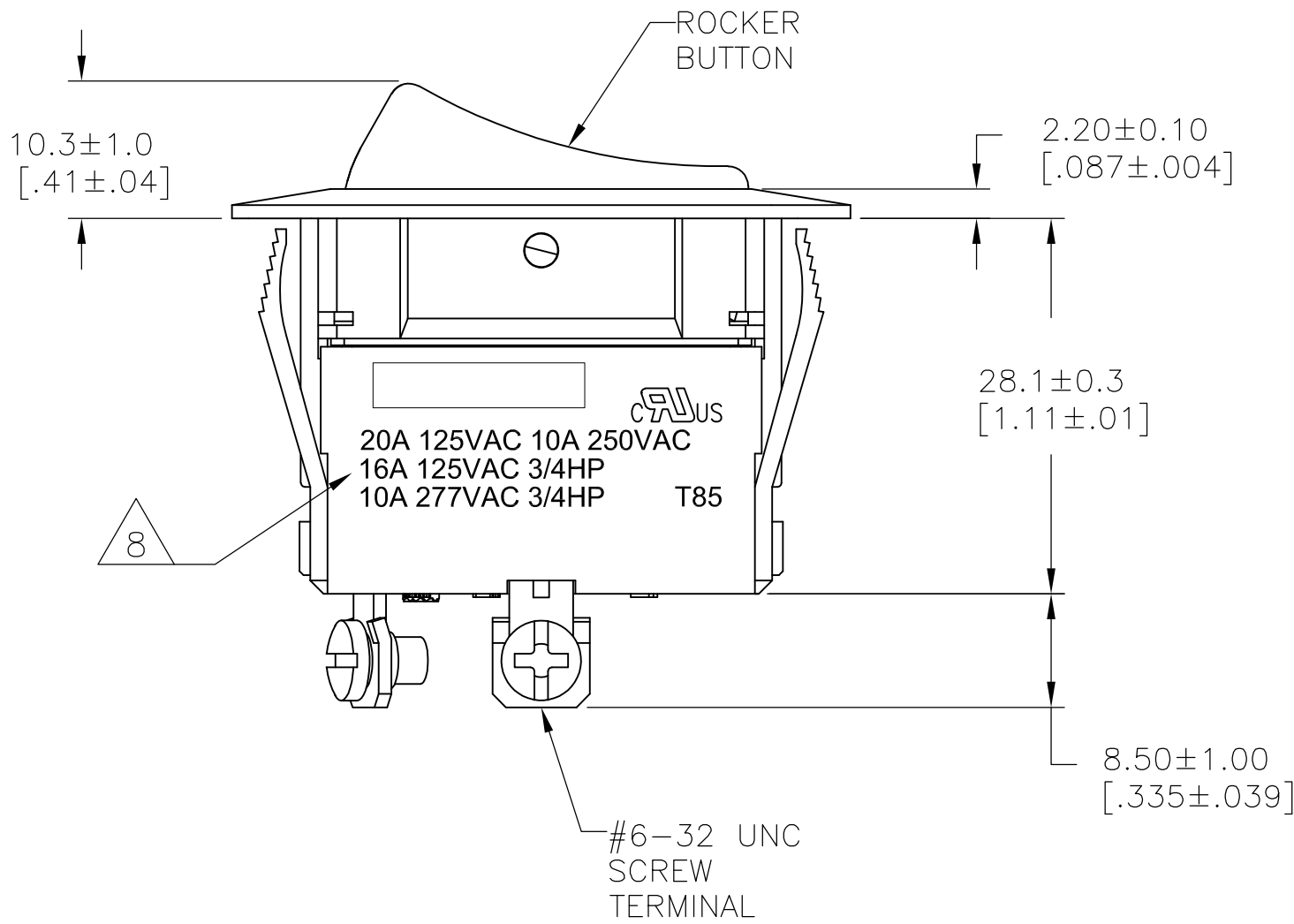
1571095-5
SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002		 TE Connectivity							
		CHK D.ROHDE 16NOV05									
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD D.ROHDE 16NOV05		NAME					
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC		POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN PANEL CUT-OUT SIZE SINGLE POLE, SINGLE THROW, NON-ILLUMINATED					
				—							
				APPLICATION SPEC							
MATERIAL		FINISH		—		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
				WEIGHT —		A2	00779	C=1571095	—		
CUSTOMER DRAWING						SCALE	2:1	SHEET	2 of 4	REV	D

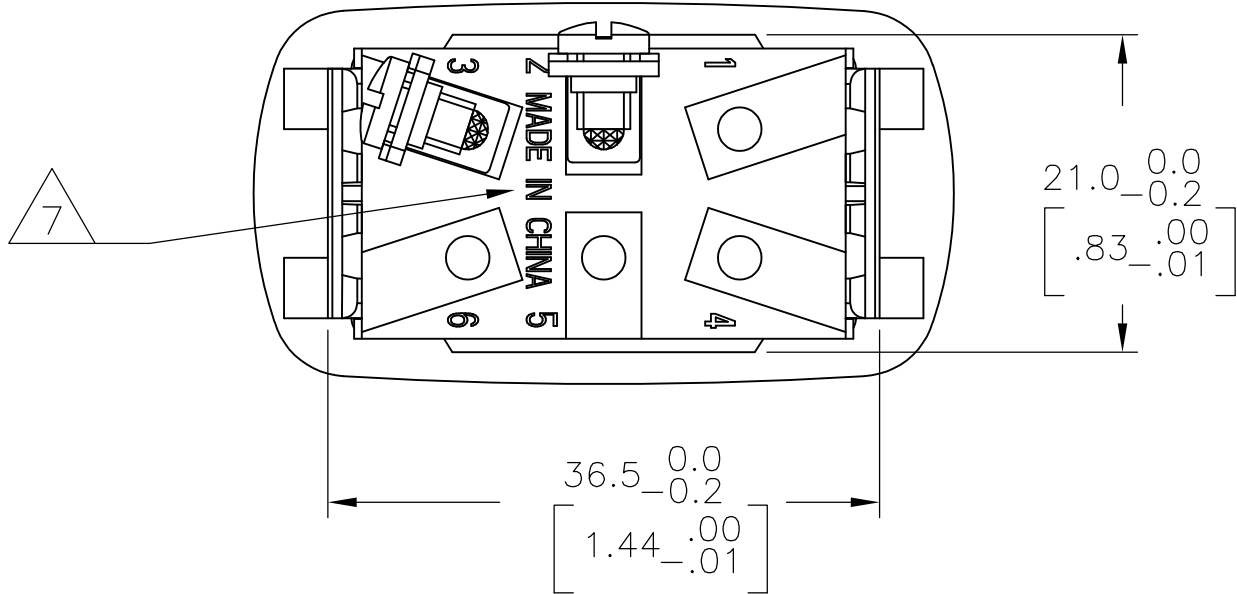
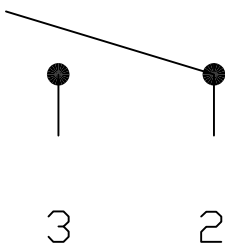
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		-	SEE SHEET 1	-	-	-



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



SWITCH FUNCTION A1
CIRCUIT DIAGRAM



1571095-9
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
SINGLE POLE, SINGLE THROW, NON-ILLUMINATED

SIZE A2

CAGE CODE 00779

DRAWING NO C=1571095

RESTRICTED TO -

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: 400g MIN, 1200g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL RETENTION FORCE: >9kg- SOLDER LUG
>9kg- QC TAB
>6.8kg- #6-32 SCREW

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

SECONDARY ROCKER COLOR: X12 = Ø - NOT APPLICABLE

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

NUMBER OF POLES: X4 = S - SINGLE

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

LEGEND TEXT PATTERN: X13 =
ØA B C
• - - I

CURRENT RATING: X7X8 = 20 - 6

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

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

FRAME COLOR: X10 = B - BLACK
W - WHITE

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

3	PRCSA1-20S-BB0CW	1-1571095-1
3	PRCSA1-20S-BB0BW	1-1571095-0
3	PRCSA1-20S-BB000	1571095-9
2	PRCSA1-20L-BR000	1571095-8
1	PRCSA1-20F-BR000	1571095-7
2	PRCSA1-20L-BB0CW	1571095-6
2	PRCSA1-20L-BB0BW	1571095-5
2	PRCSA1-20L-BB000	1571095-4
1	PRCSA1-20F-BB0CW	1571095-3
1	PRCSA1-20F-BB0BW	1571095-2
1	PRCSA1-20F-BB000	1571095-1
SHEET REF	ALCOSWITCH PART NUMBER	PART NUMBER

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

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

SIZE A2

CAGE CODE 00779

DRAWING NO C=1571095

RESTRICTED TO -

SCALE 2:1

SHEET 4 of 4

REV D

1471-9 (3/11)

1571095