

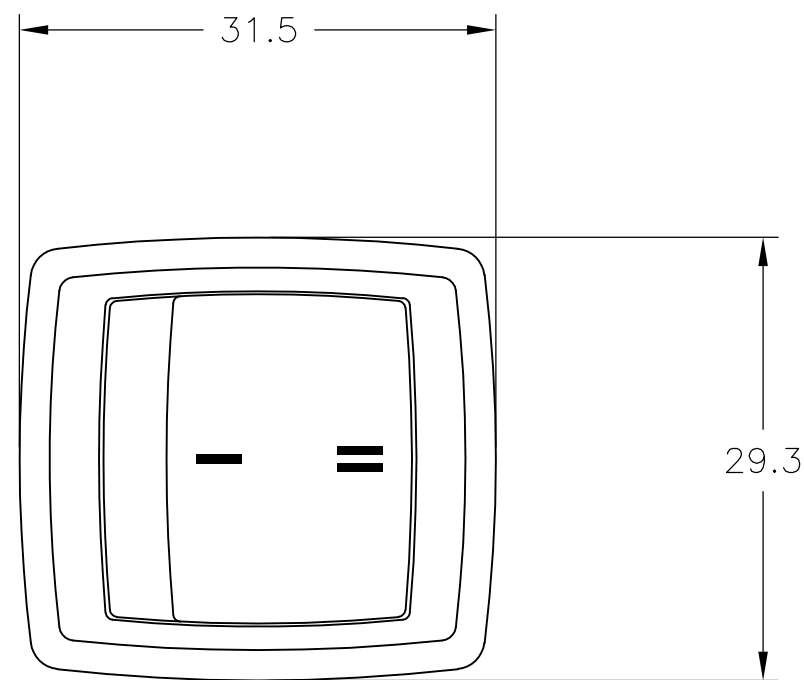
LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	APVD
		E1		REVISED PER ECO-10-005254	19MAR10	HMR NE

D

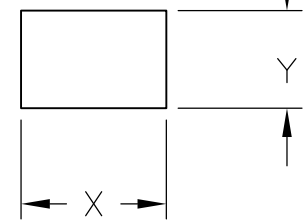
C

B

A



PANEL CUT OUT

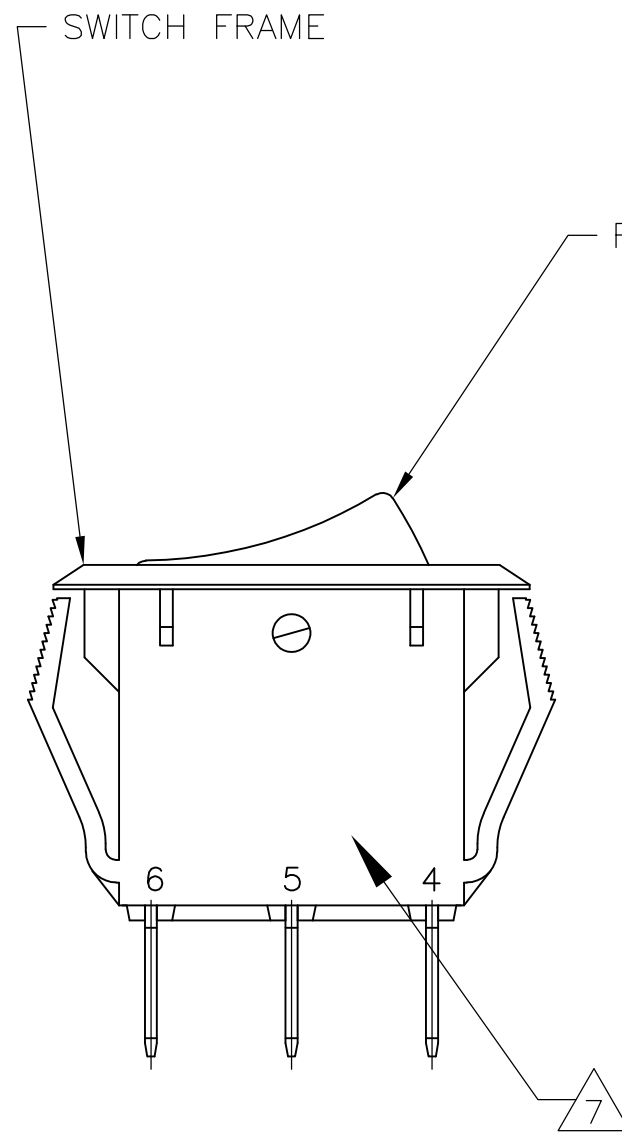
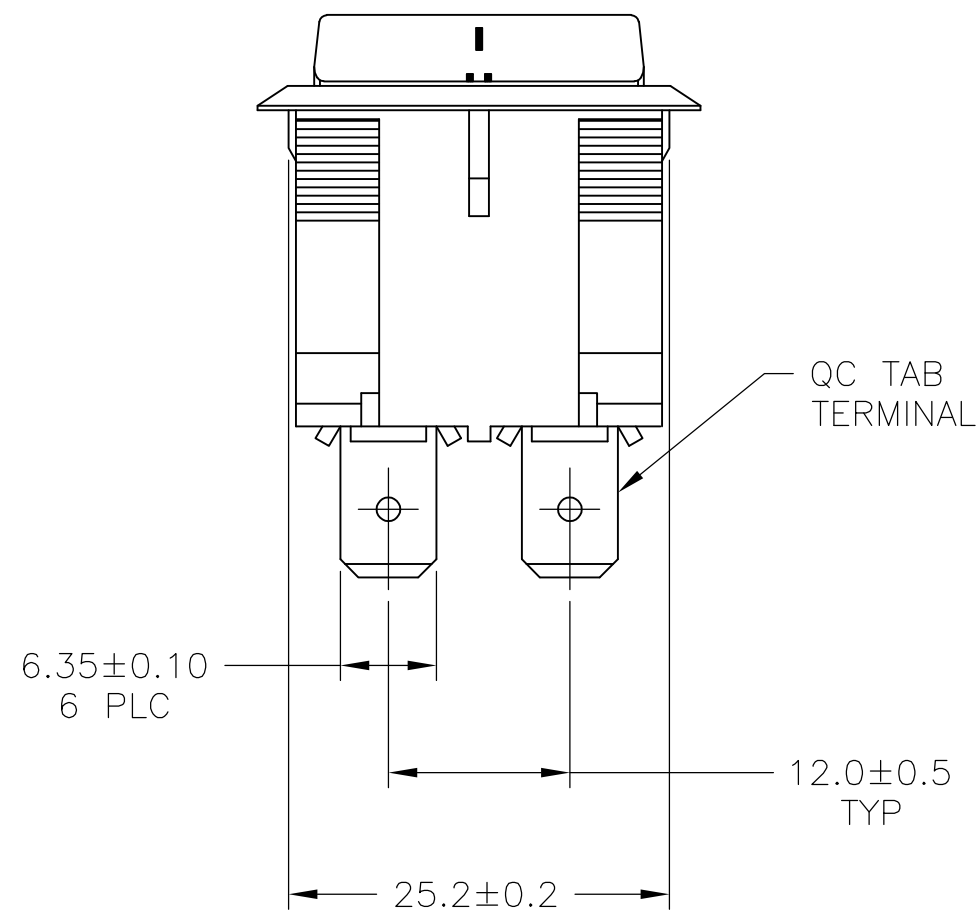
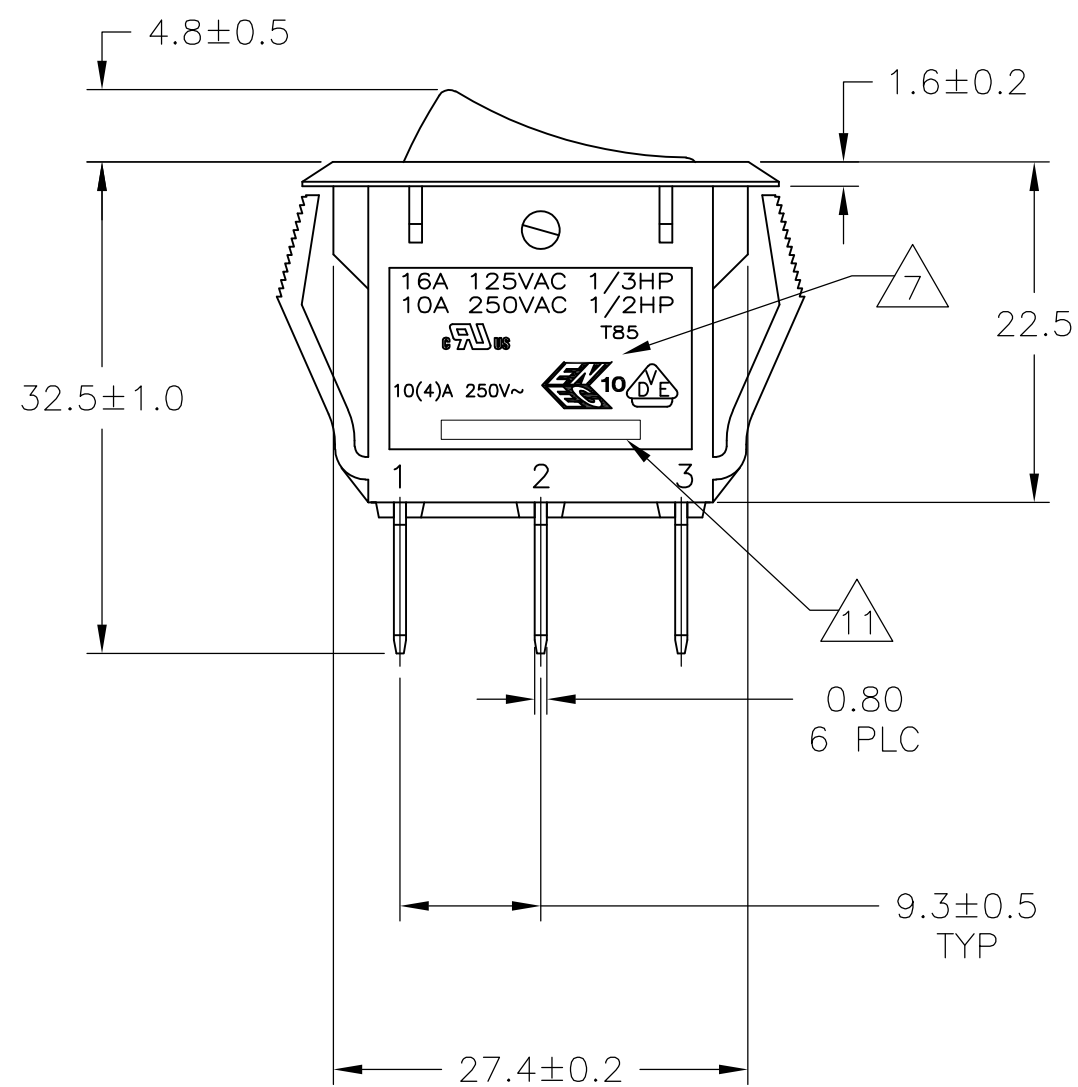
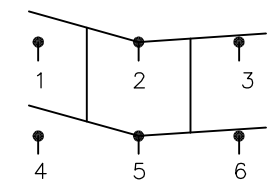


5.00-6.30	28.6-0.1	25.4+0.1
3.00-5.00	28.0-0.1	25.4+0.1
0.75-3.00	27.6-0.1	25.4+0.1
PANEL THICKNESS	X	Y

SWITCH FRAME

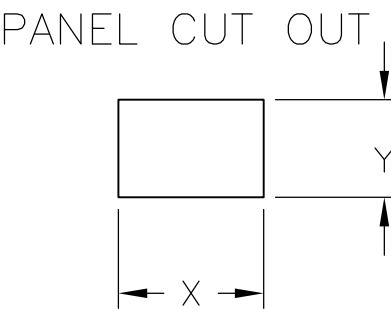
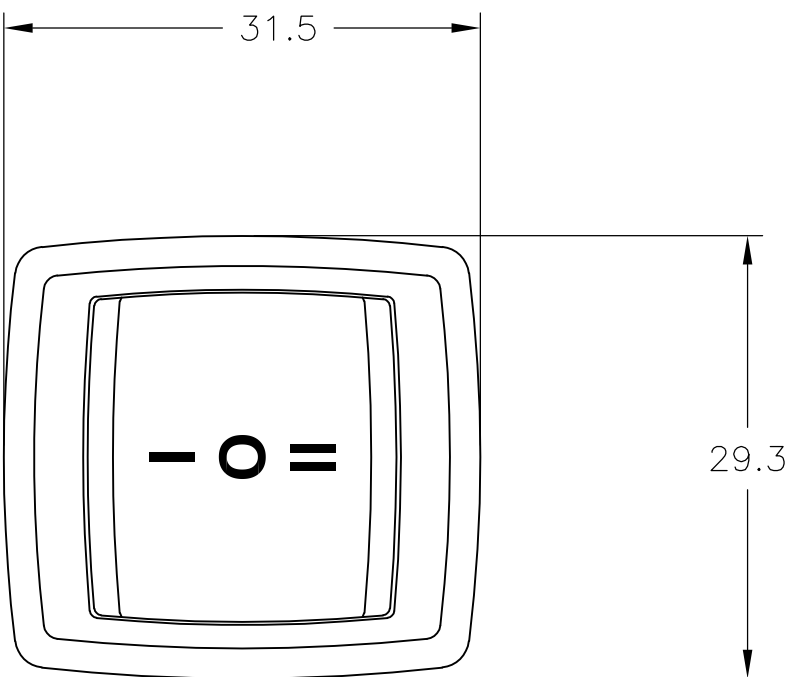
ROCKER BUTTON

SWITCH FUNCTION D1
CIRCUIT DIAGRAM

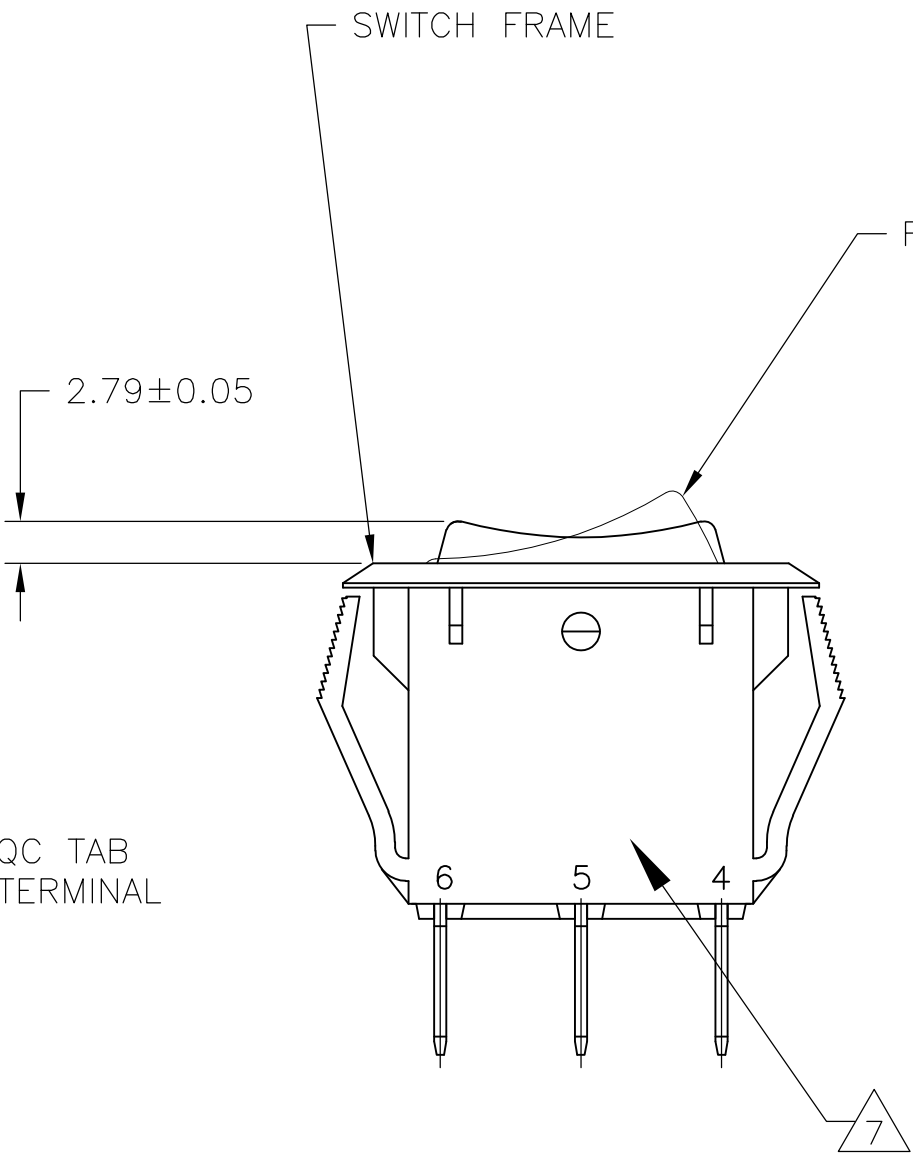
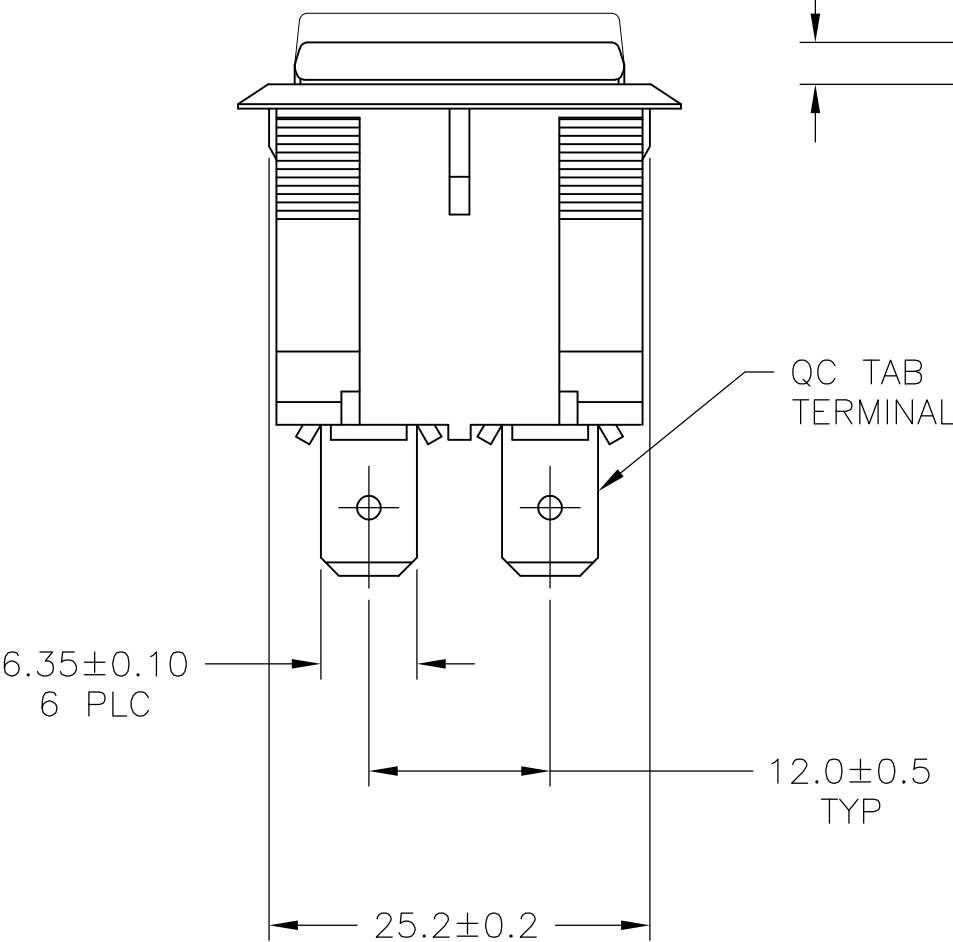
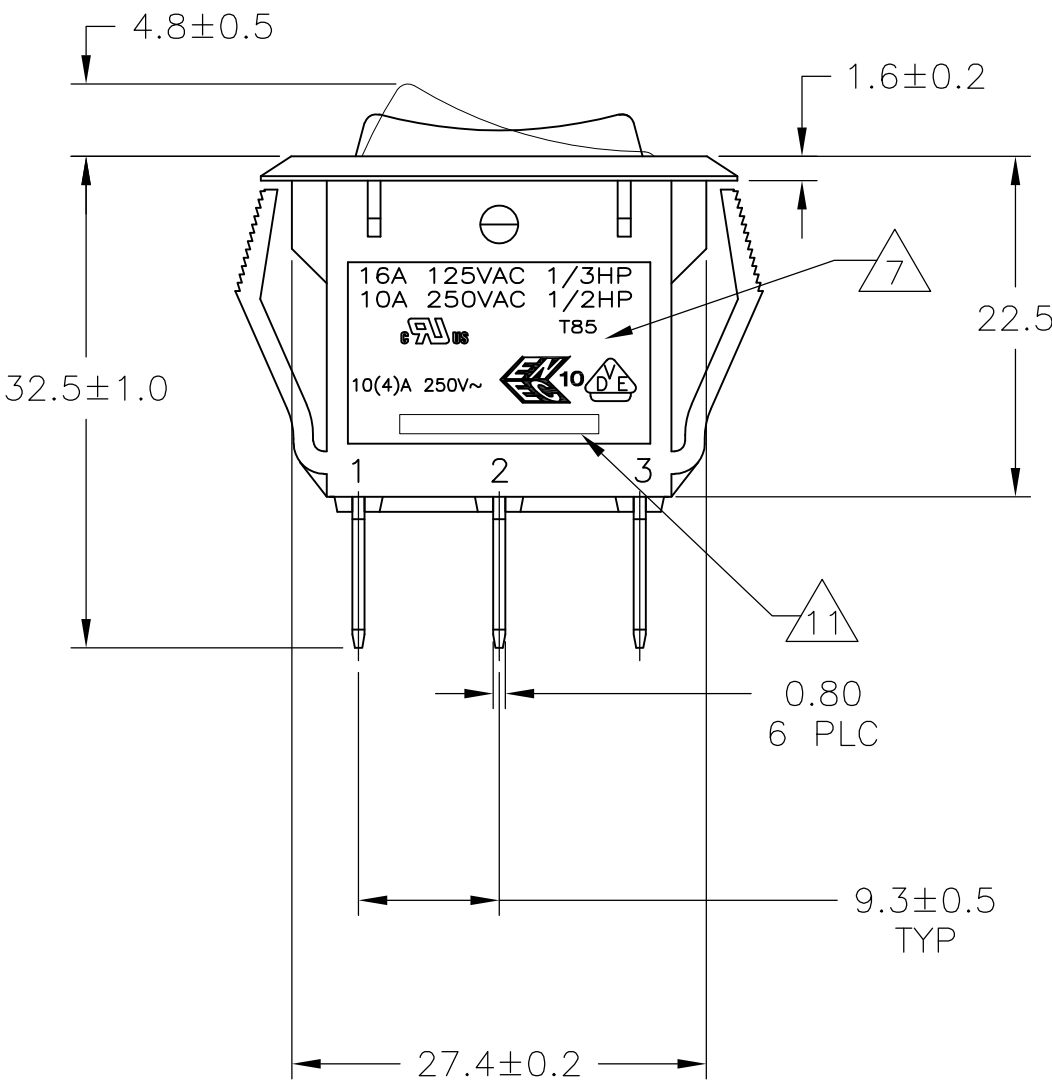


1571113-2 SHOWN

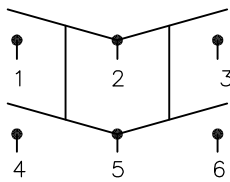
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M BINNER	25FEB2002	Tyco Electronics Corporation Harrisburg, PA 17105-3608		
DIMENSIONS: mm		CHK J.MOSIER	-			
		APVD JP	-	NAME POWER ROCKER SWITCH, 25.4mm X 27.6mm PANEL CUT-OUT SIZE, DOUBLE POLE, SIX TERMINALS, NON-ILLUMINATED		
		PRODUCT SPEC	NOT APPLICABLE	SIZE A2	CAGE CODE 00779	DRAWING NO C=1571113
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	NOT APPLICABLE	RESTRICTED TO	-	
MATERIAL 1		FINISH 2	WEIGHT -	SCALE 2:1	SHEET 1 OF 3	REV E1
CUSTOMER DRAWING						



5.00-6.30	28.6-0.1	25.4+0.1
3.00-5.00	28.0-0.1	25.4+0.1
0.75-3.00	27.6-0.1	25.4+0.1
PANEL THICKNESS	X	Y



SWITCH FUNCTION D3
CIRCUIT DIAGRAM



1571113-5 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	0.30
2 PLC	±	0.05
3 PLC	±	-
4 PLC	±	-
ANGLES	±	-

FINISH

2

DWN
M BINNER

CHK
J.MOSIER

APVD
JP

PRODUCT SPEC
NOT APPLICABLE

APPLICATION SPEC
NOT APPLICABLE

WEIGHT
-

CUSTOMER DRAWING

25FEB2002

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
POWER ROCKER SWITCH, 25.4mm X 27.6mm
PANEL CUT-OUT SIZE, DOUBLE POLE,
SIX TERMINALS, NON-ILLUMINATED

SIZE A2	CAGE CODE 00779	DRAWING NO C=1571113	RESTRICTED TO -
SCALE 2:1		SHEET 2 OF 3	REV E1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

AD00

REVISIONS

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

LEGACY PART NUMBER

X₁X₂

X₃

X₄

X₅X₆

X₇X₈

X₉

X₁₀

X₁₁

X₁₂

X₁₃

X₁₄

SWITCH TYPE: X₁X₂ = PR - POWER ROCKER

NOMINAL PANEL CUT OUT SIZE: X₃ = D - 25.4x27.6

NUMBER OF POLES: X₄ = D - DOUBLE

SWITCH FUNCTION: X₅X₆ = D1 - ON-ON, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.

D3 - ON-OFF-ON, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.

CURRENT RATING: X₇X₈ = 16 - 6

TERMINAL TYPE: X₉ = E - QC TAB

FRAME COLOR: X₁₀ = B - BLACK
W - WHITE

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

SECONDARY ROCKER COLOR: X₁₂ = Ø - NOT APPLICABLE

LEGEND TEXT PATTERN: X₁₃ =

Ø

D

E

F

G

- =

I ||

- o =

I o ||

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

1

MATERIALS:
ROCKER BUTTON & HOUSING: 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

2

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

3

ELECTRICAL SPECIFICATIONS:
CURRENT & VOLTAGE
CONTACT RESISTANCE (INITIAL): <50mΩ
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)

4

MECHANICAL SPECIFICATIONS:
ACTUATING FORCE: 850g MIN, 1250g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL STRENGTH : >10.0kg- 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 ⅓HP / 10A@250VAC ½HP
ENEC: 10(4)A 250V~

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS,
TERMINAL IDENTIFICATION NUMBERS, MOLDED APPROXIMATELY AS
SHOWN ON THE SIDES OF THE SWITCH HOUSING.

8

COMPONENT-RECONIZED TO US & CANADIAN STANDARDS
UL FILE NO. E46765

9

COMPONENT-RECOGNIZED TO EUROPEAN STANDARDS
(ENEC & VDE) MARKS LICENSE NO 40020317

10

ROHS 2002/95/EC COMPLIANT

11

TYCO ELECTRONICS LOGO LOCATED APPROXIMATELY AS SHOWN

2	PRDDD3-16F-BR000	5-1571113-7
2	PRDDD3-16F-BB0GW	1571113-6
2	PRDDD3-16F-BB0FW	1571113-5
2	PRDDD3-16F-BB000	1571113-4
1	PRDDD1-16F-BB0EW	1571113-3
1	PRDDD1-16F-BB0DW	1571113-2
1	PRDDD1-16F-BB000	1571113-1
SHEET REF.	LEGACY PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± 0.30
2 PLC ± 0.05
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH -

MATERIAL

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CUSTOMER DRAWING

Tyco Electronics Corporation

Harrisburg, PA 17105-3608

NAME

POWER ROCKER SWITCH, 25.4mm X 27.6mm
PANEL CUT-OUT SIZE, DOUBLE POLE,
SIX TERMINALS, NON-ILLUMINATED

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1571113

RESTRICTED TO

-

SCALE

1:1

SHEET

3 OF 3

REV

E1

3307-7 (1/08)

1571113

Authorized Distribution Brand :



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Welcome to visit www.ameya360.com

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