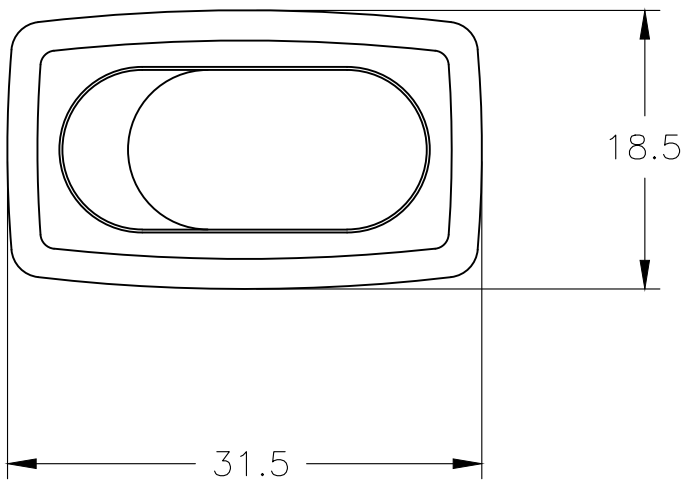
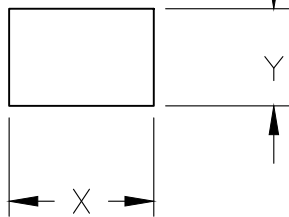


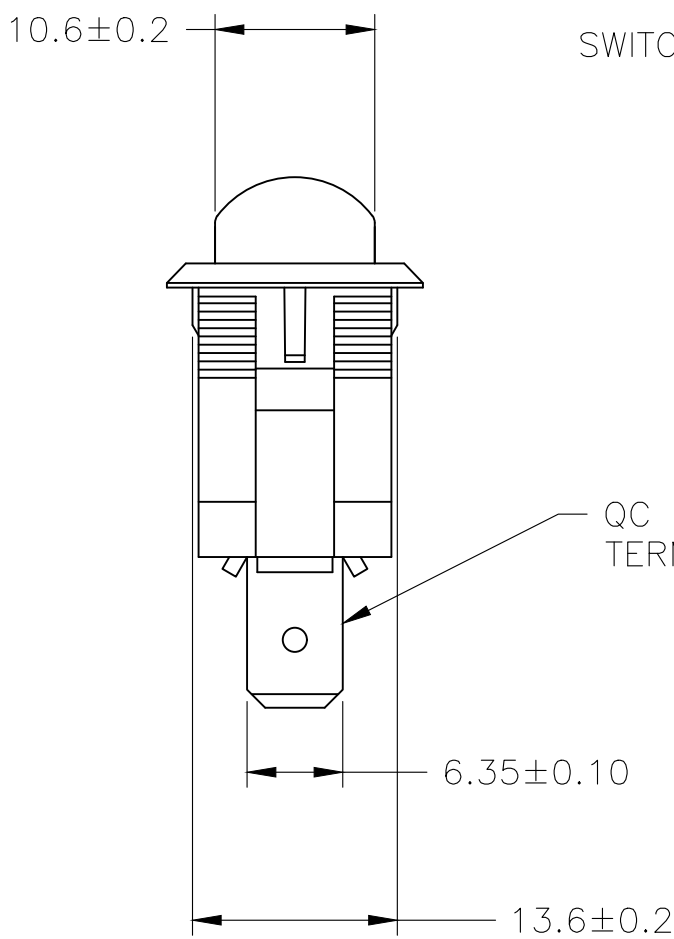
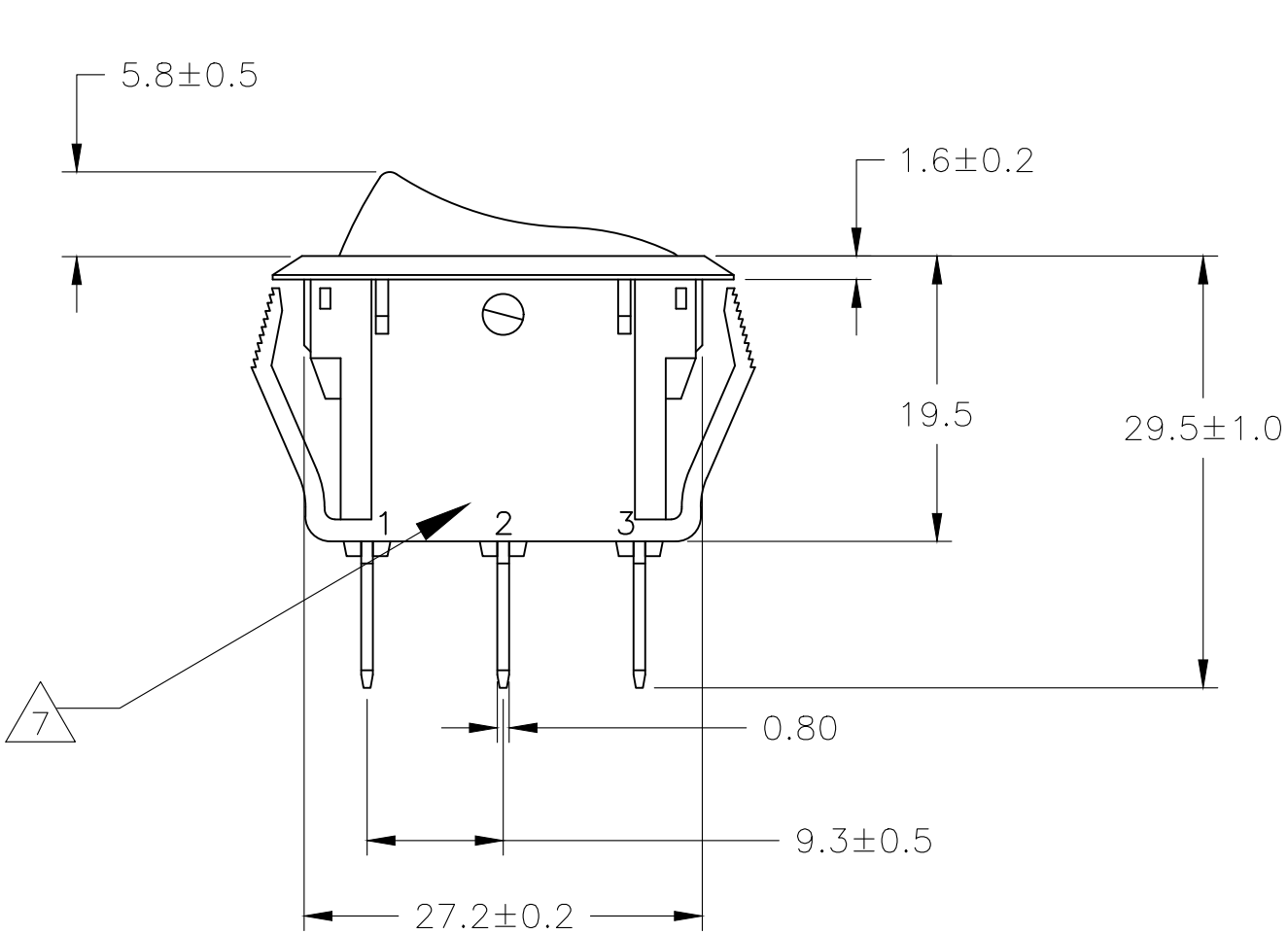
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E2	REVISED PER ECO-12-020686	27OCT2012	KH	PO
	E3	REVISED PER ECO-16-017354	09MAR2017	RK	AS



PANEL CUT OUT



4.00-5.00	28.0-0.1	13.8+0.1
3.00-4.00	27.8-0.1	13.8+0.1
0.75-3.00	27.6-0.1	13.8+0.1
PANEL THICKNESS	X	Y

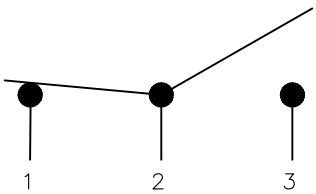


SWITCH FRAME

QC TAB
TERMINAL

ROCKER BUTTON

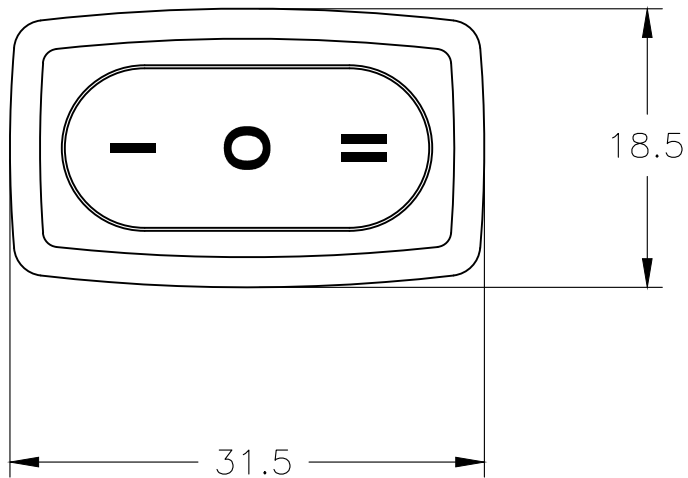
SWITCH FUNCTION D1
CIRCUIT DIAGRAM



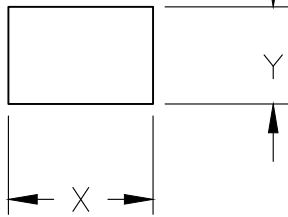
OBSOLETE 1571094-1 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV	05APR04	TE Connectivity	
DIMENSIONS: mm		CHK J.MOSIER	-		
		APVD JP	-	NAME -	
		PRODUCT SPEC NOT APPLICABLE		POWER ROCKER SWITCH 13.8mmX27.6mm PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED	
MATERIAL		APPLICATION SPEC NOT APPLICABLE		SIZE A2	RESTRICTED TO -
		WEIGHT -		CAGE CODE 00779	
FINISH		DRAWING NO. C-1571094		SCALE 2:1	SHEET 1 of 3
CUSTOMER DRAWING		REV E3			

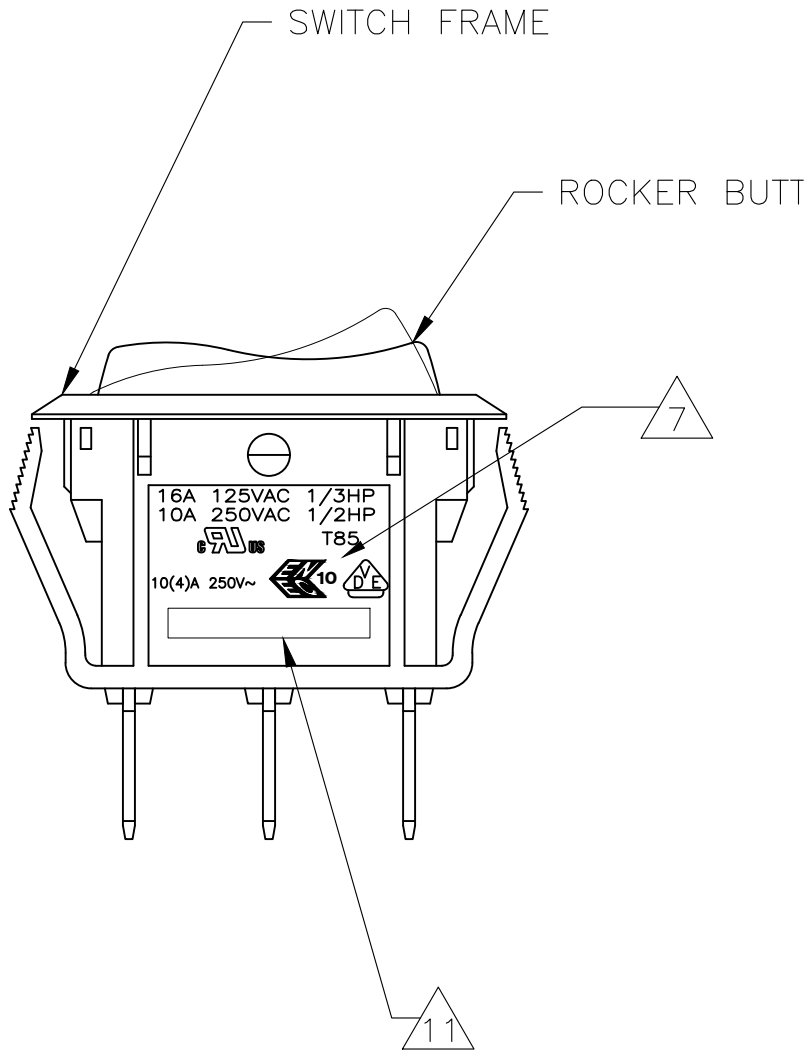
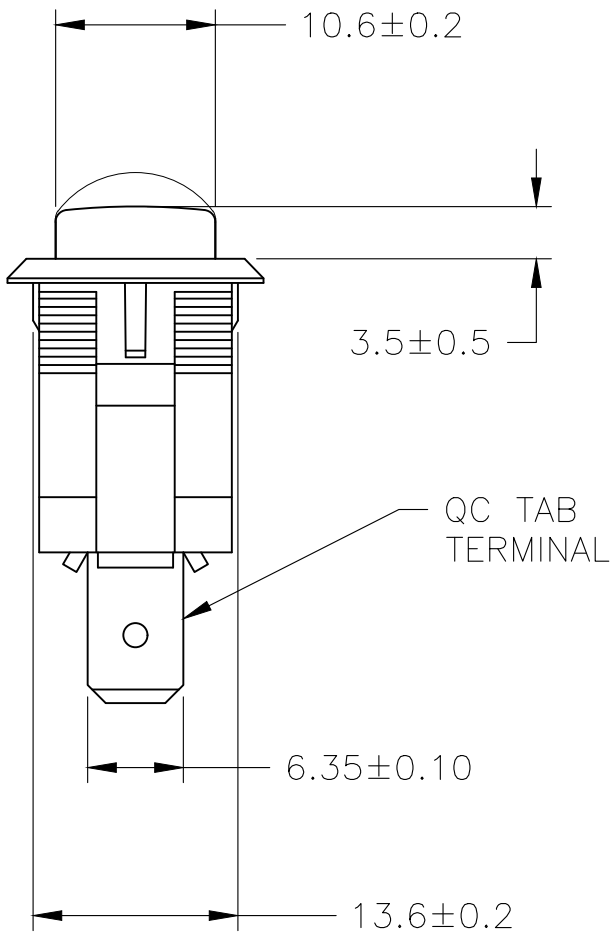
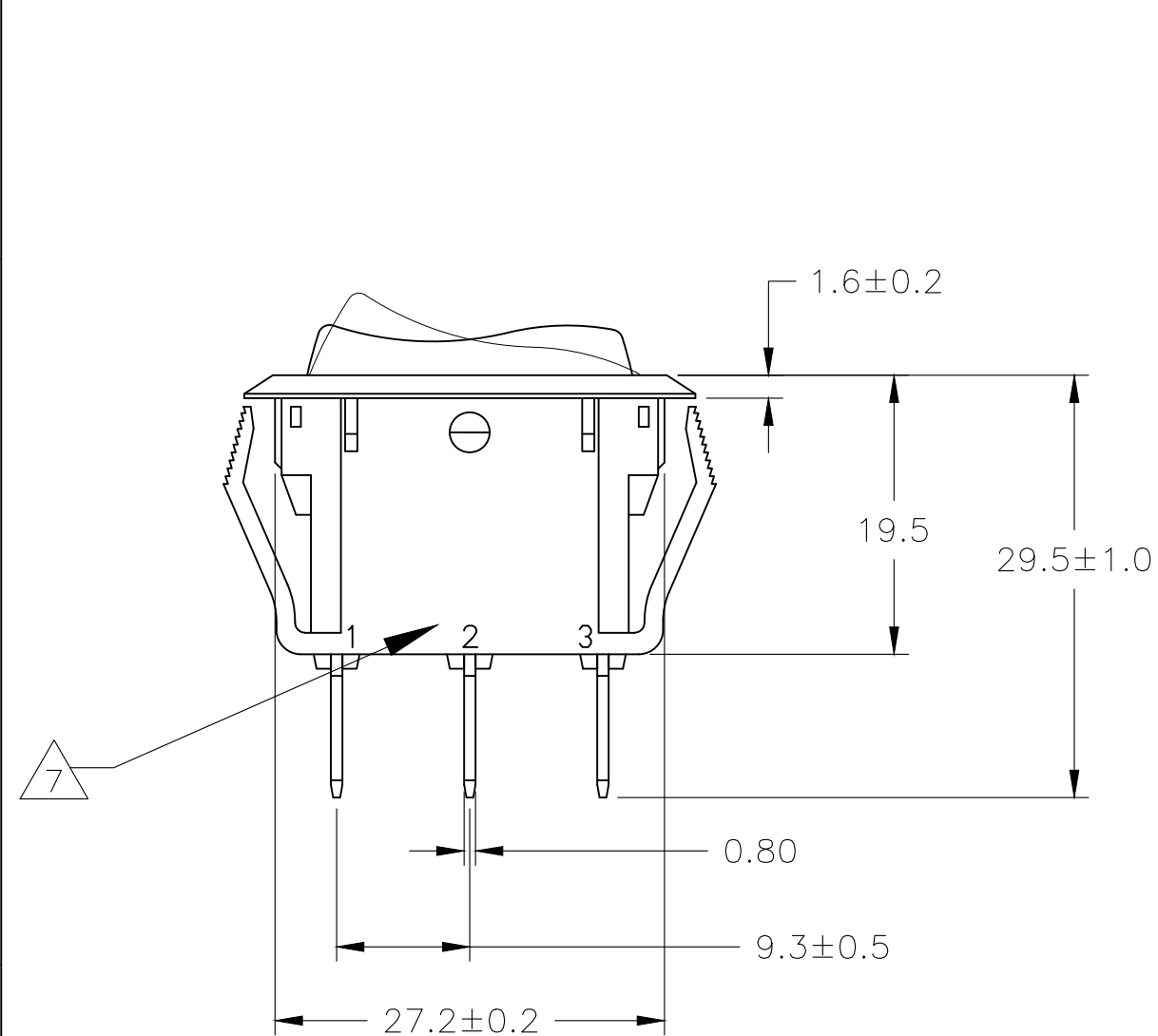
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



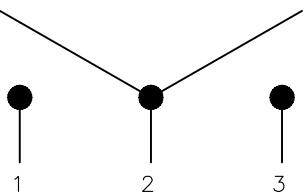
PANEL CUT OUT



4.00-5.00	28.0-0.1	13.8+0.1
3.00-4.00	27.8-0.1	13.8+0.1
0.75-3.00	27.6-0.1	13.8+0.1
PANEL THICKNESS	X	Y



SWITCH FUNCTION D3
CIRCUIT DIAGRAM



OBSOLETE 1571094-5 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV	05APR04	TE Connectivity	
DIMENSIONS: mm		CHK J.MOSIER	-		
		APVD JP	-	NAME POWER ROCKER SWITCH, 13.8mm X 27.6mm PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE THROW, THREE TERMINALS, NON-ILLUMINATED	
		PRODUCT SPEC	NOT APPLICABLE	SIZE A2	CAGE CODE 00779
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	NOT APPLICABLE	DRAWING NO C-1571094	RESTRICTED TO -
MATERIAL		WEIGHT			
FINISH		CUSTOMER DRAWING			SCALE 2:1
					SHEET 2 of 3
					REV E3

4

3

2

1

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RELEASED FOR PUBLICATION

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-

By

-

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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

SECONDARY ROCKER COLOR: X₁₂ = Ø — NOT APPLICABLE

NOMINAL PANEL CUT OUT SIZE: X₃ = B — 13.8 x 27.6

NUMBER OF POLES: X₄ = S — SINGLE

SWITCH FUNCTION: X₅X₆ = D1 : ON — NONE — ON, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON
D3 : ON — OFF — ON, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON

CURRENT RATING: X₇X₈ = 16 — △6

LEGEND TEXT PATTERN: X₁₃ =

Ø

A

B

C

D

E

F

G

TERMINAL TYPE: X₉ = F — QC TAB
L — SOLDER LUG

FRAME COLOR: X₁₀ = B — BLACK
W — WHITE

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

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: 300g MIN, 700g MAX

OPERATING LIFE ENDURANCE: >100,000 OPERATIONS

TERMINAL STRENGTH

: >2.5kg— SOLDER LUG

>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 1/3HP /10A@250VAC 1/2HP

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS,

TERMINAL IDENTIFICATION NUMBERS, AND THE TYCO/ ELECTORNICS LOGO

MOLDED APPROXIMATELY AS SHOWN ON THE SIDES OF THE SWITCH HOUSING.

8

COMPONENT-RECOGNIZED TO US & CANADIAN STANDARDS.

UL FILE NO. E46765

9

COMPONENT-RECOGNIZED TO EUROPEAN STANDARDS

(ENEC & VDE) MARKS LICENSE NO 40020315

10

ROHS 2002/95/EC COMPLIANT

11

TYCO ELECTRONICS LOGO LOCATED APPROXIMATELY AS SHOWN

OBSOLETE

OBSOLETE

1	PRBSD1-16F-WW0EB	1-1571094-3
2	PRBSD3-16F-BW000	1571094-7
2	PRBSD3-16F-BB0GW	1571094-6
2	PRBSD3-16F-BB0FW	1571094-5
2	PRBSD3-16F-BB000	1571094-4
1	PRBSD1-16F-BB0EW	1571094-3
1	PRBSD1-16F-BB0DW	1571094-2
1	PRBSD1-16F-BB000	1571094-1
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 ± -

MATERIAL

FINISH

DWN BSV 05APR04

CHK -

APVD J.P

PRODUCT SPEC

NOT APPLICABLE

APPLICATION SPEC

NOT APPLICABLE

WEIGHT

CUSTOMER DRAWING

NAME

POWER ROCKER SWITCH, 13.8mm X 27.6mm

PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE THROW,

THREE TERMINALS, NON-ILLUMINATED

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE 1:1

SHEET 3 of 3

REV E3

TE Connectivity

A200779C-1571094

1571094

1

1471-9 (1/15)

Mouser Electronics

Authorized Distributor

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