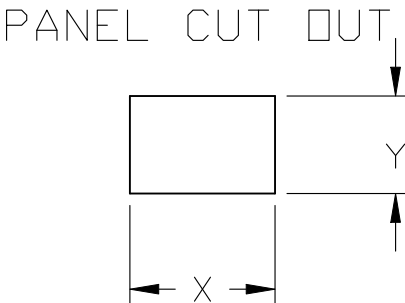
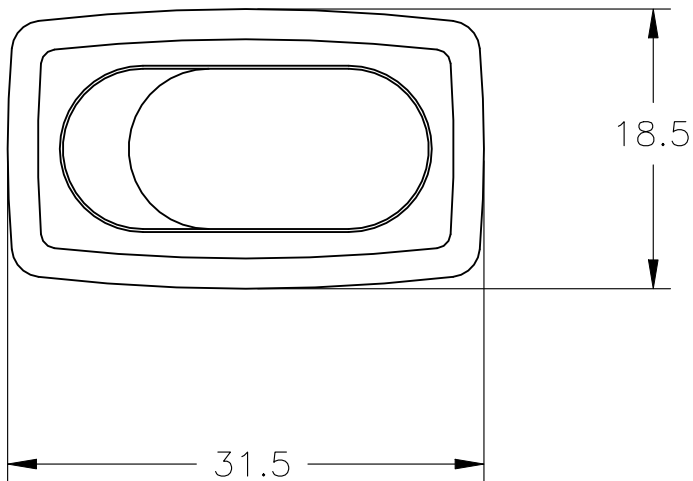
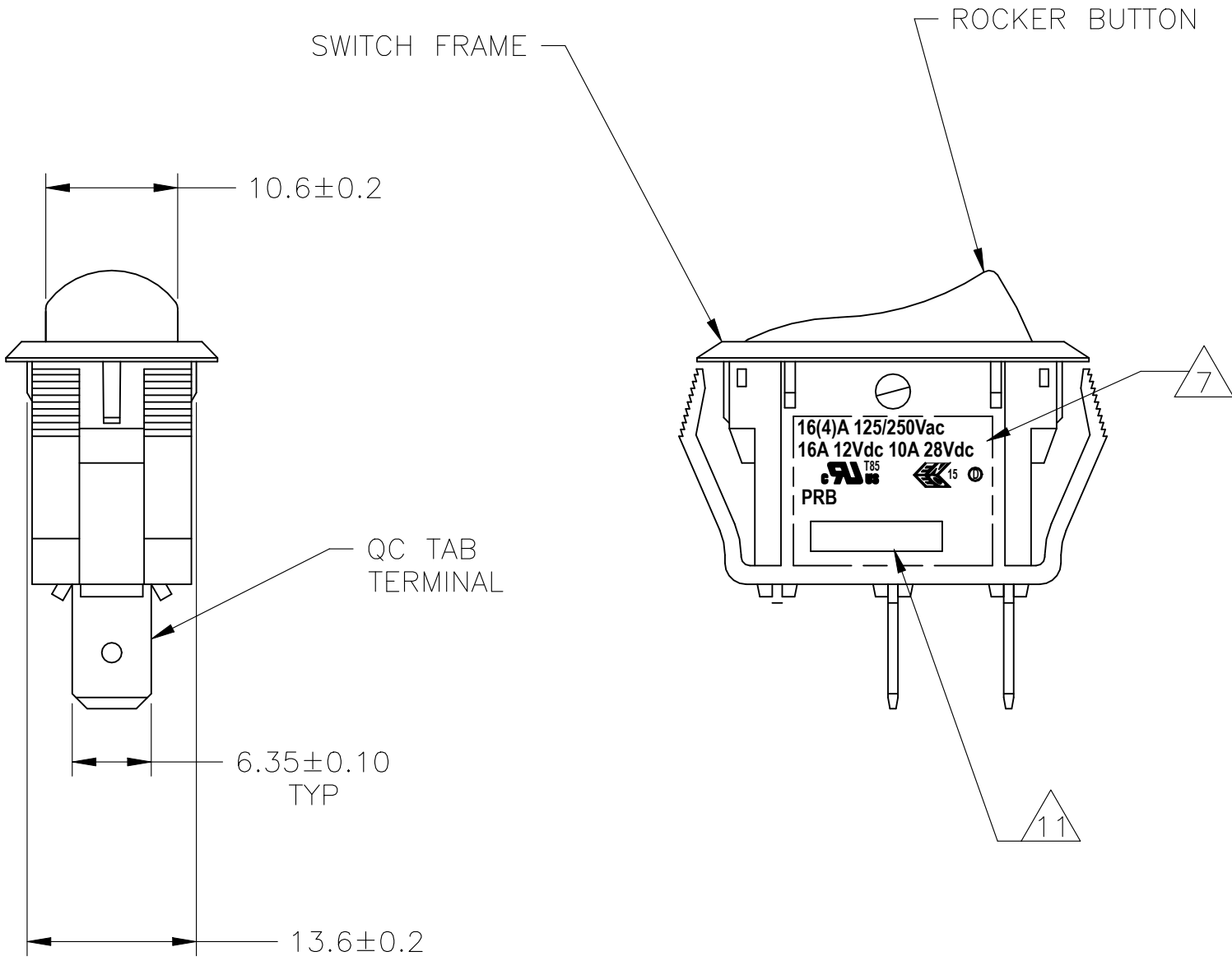
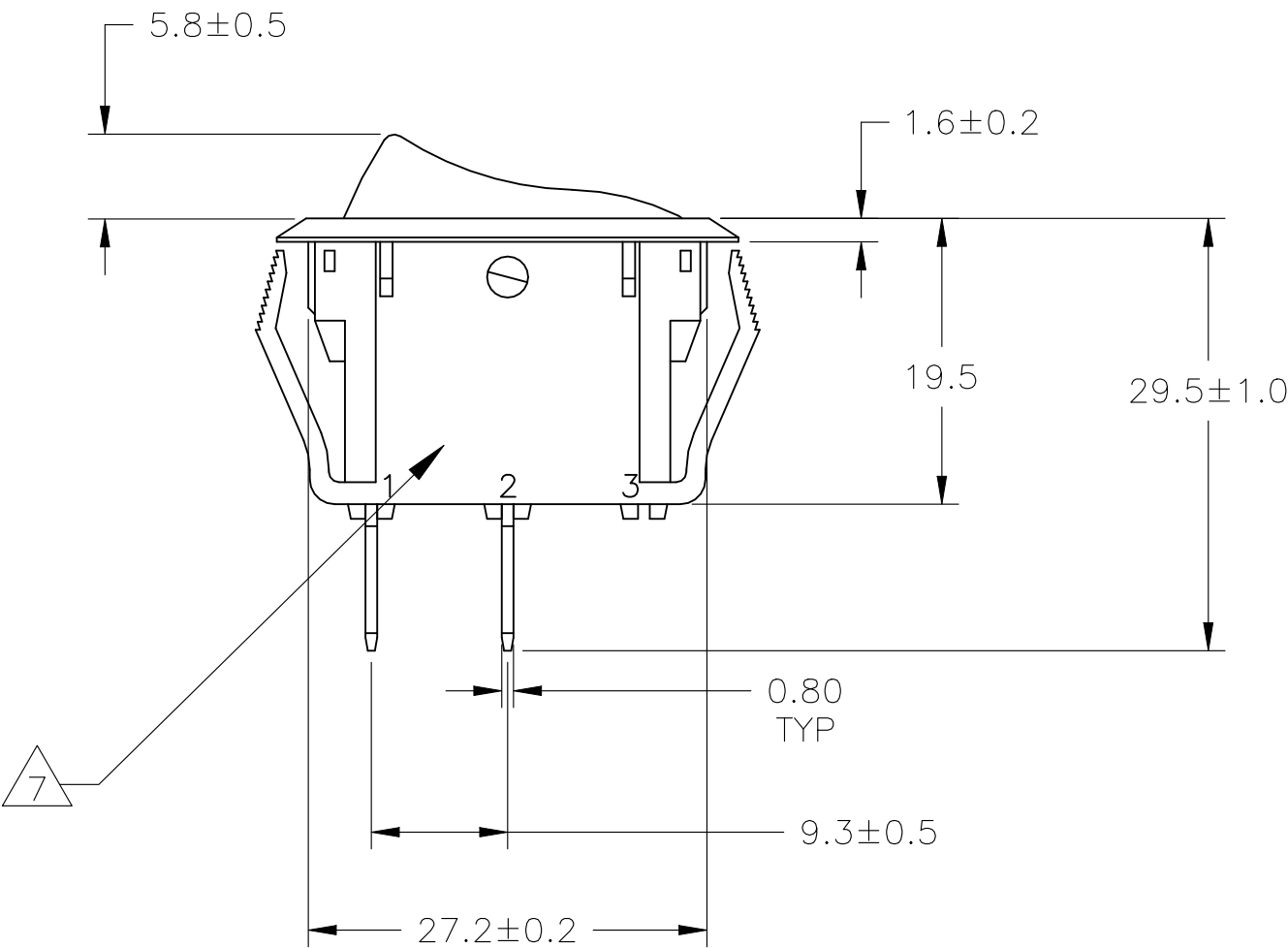


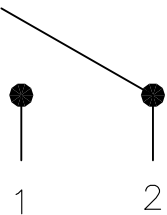
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED PER ECN-23-227856	12SEP23	GSK	MD



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



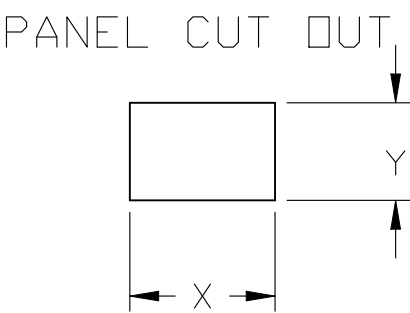
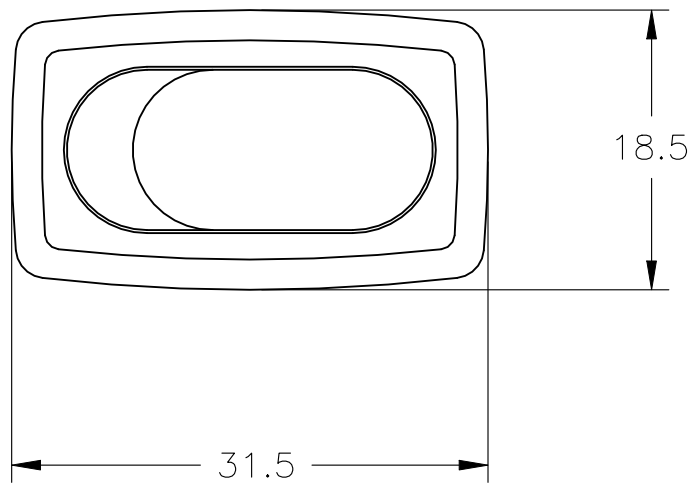
SWITCH FUCTION A1
CIRCUIT DIAGRAM



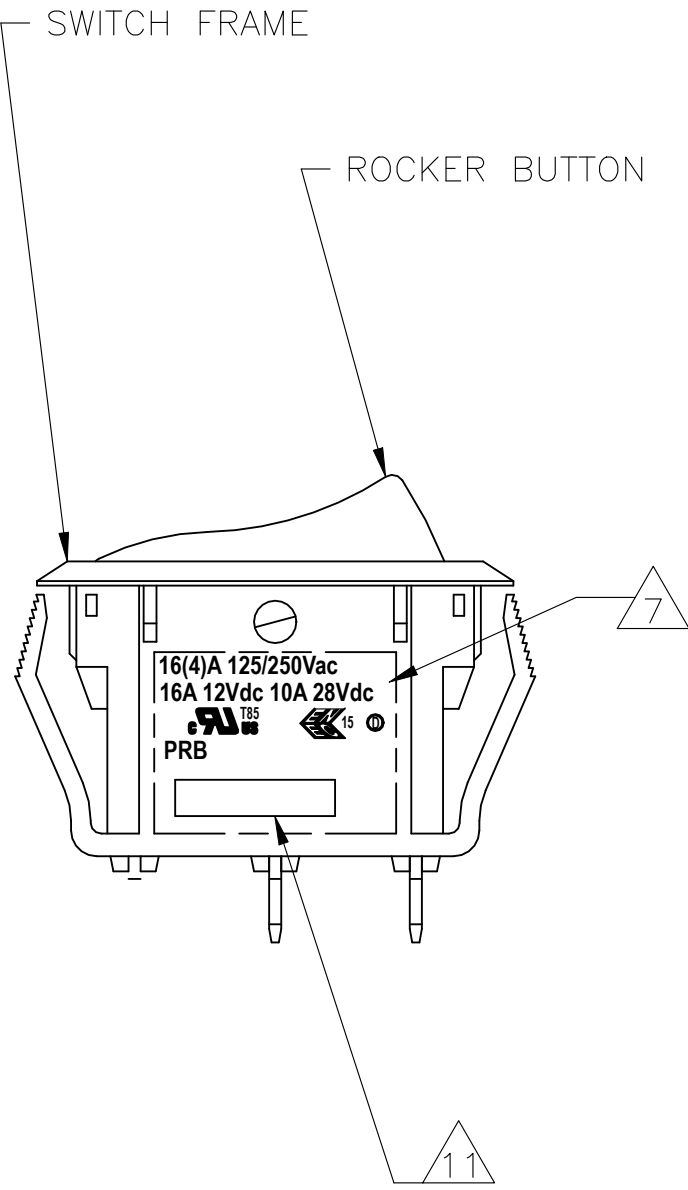
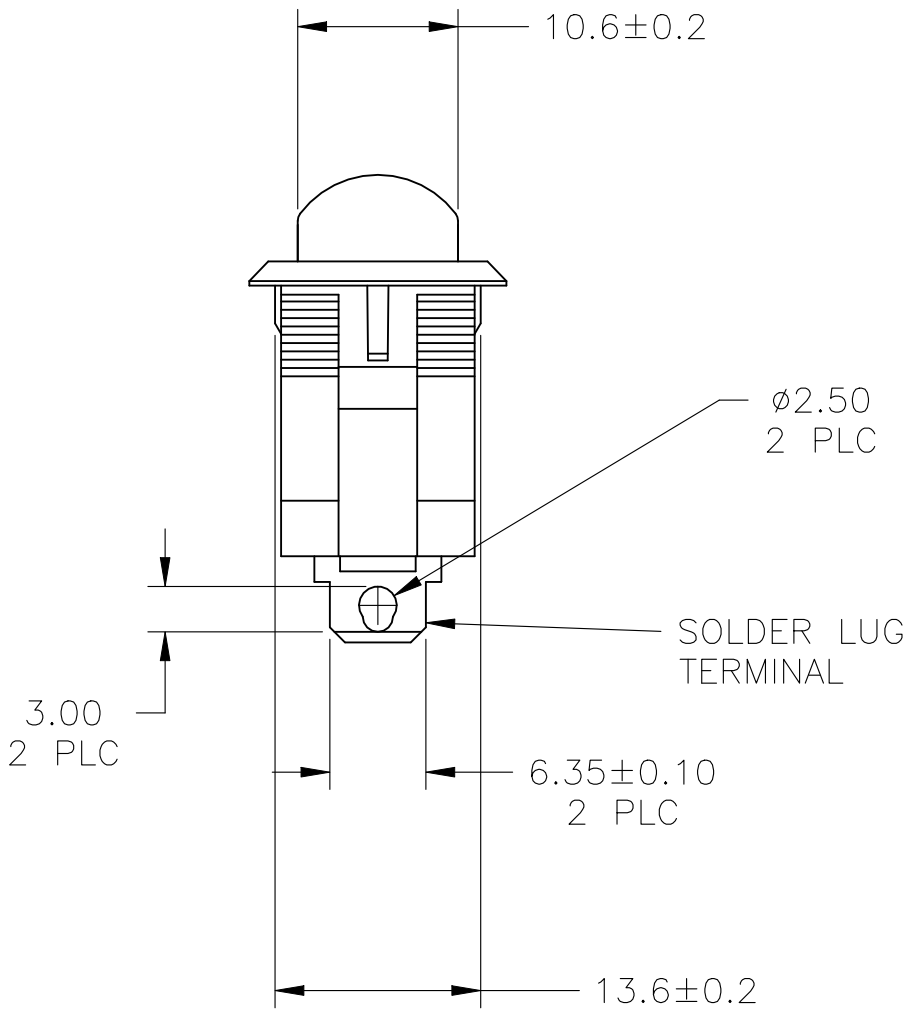
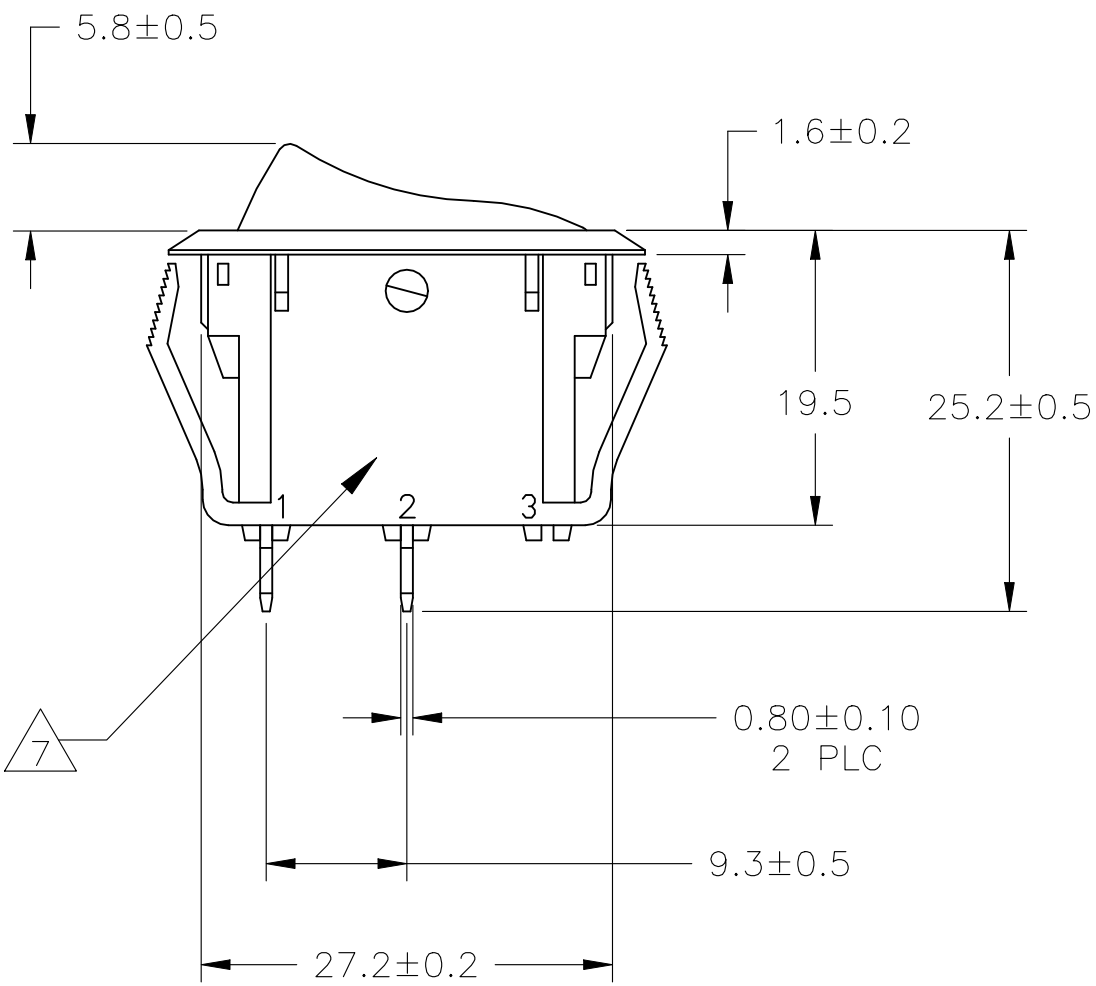
1571091-1 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV 01APR04		 TE Connectivity Ltd.	
DIMENSIONS: mm		CHK J.MOSIER			
		APVD JP		NAME POWER ROCKER SWITCH 13.8mmX27.6mm PANEL SIZE SPST, 2 TERMINALS, NON-ILLUMINATED	
		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± - 4 PLC ± - ANGLES ± -			
MATERIAL 		PRODUCT SPEC —		SIZE	
		APPLICATION SPEC —		CAGE CODE	
FINISH 		WEIGHT		DRAWING NO	
		CUSTOMER DRAWING		RESTRICTED TO	
		A2 00779		C=1571091	
		SCALE 1:1		SHEET 1 of 3	
		REV H			

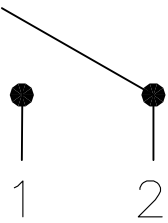
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



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 FUCTION A1
CIRCUIT DIAGRAM



1571091-4 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV 01APR04	TE Connectivity Ltd.	
DIMENSIONS: mm		CHK J.MOSIER		
		APVD JP	NAME	
		PRODUCT SPEC		
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	POWER ROCKER SWITCH 13.8mmX27.6mm PANEL SIZE SPST, 2 TERMINALS, NON-ILLUMINATED	
		WEIGHT		
MATERIAL 1		FINISH 2	SIZE A2	CAGE CODE 00779
			DRAWING NO C=1571091	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	SHEET 2 OF 3
			REV H	

4

3

2

1

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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 = ∅ - NOT APPLICABLE

NOMINAL PANEL CUT OUT SIZE: X₃ = B - 13.8x27.6

NUMBER OF POLES: X₄ = S - SINGLE

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

LEGEND TEXT PATTERN: X₁₃ =

∅

A

B

C

H

CURRENT RATING: X₇X₈ = 16 -

6

LEGEND TEXT COLOR: X₁₄ = ∅ - NOT APPLICABLE

G

R

B

W

TERMINAL TYPE: X₉ = F - QC TAB

L

FRAME COLOR: X₁₀ = B - BLACK

W

ROCKER COLOR: X₁₁ = B - BLACK

G

R

B

W

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:

ACTIVE CONTACTOR & TERMINALS: 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

RATINGS: 16(4) A, 125/250 V ac,

16 A, 12 V dc, 10 A, 28 V dc

7

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS, TERMINAL IDENTIFICATION NUMBERS, 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 & DEMKO) MARKS LICENSE NO ENEC-03738 & D-08816

10

ROHS 2002/95/EC COMPLIANT

11

TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN

OBSOLETE

OBSOLETE

1	PRBSA1-16F-BR0HW	6-1571091-0
2	PRBSA1-16L-BR000	5-1571091-8
1	PRBSA1-16F-BR000	5-1571091-7
1	PRBSA1-16F-BW0HB	1-1571091-2
1	PRBSA1-16F-BW000	1-1571091-1
1	PRBSA1-16F-BB0HW	1571091-9
2	PRBSA1-16L-BB0CW	1571091-6
2	PRBSA1-16L-BB0BW	1571091-5
2	PRBSA1-16L-BB000	1571091-4
1	PRBSA1-16F-BB0CW	1571091-3
1	PRBSA1-16F-BB0BW	1571091-2
1	PRBSA1-16F-BB000	1571091-1
SHEET REF.	LEGACY PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

MATERIAL -

FINISH -

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.30

2 PLC ± 0.05

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

-

DWN BSV

CHK J.MOSIER

APVD JP

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT

CUSTOMER DRAWING

01APR04

-

-

-

-

SCALE 1:1

SHEET 3 of 3

REV H

TE

TE Connectivity Ltd.

POWER ROCKER SWITCH 13.8mmX27.6mm

PANEL SIZE SPST, 2 TERMINALS, NON-ILLUMINATED

A2

00779

C=1571091

-

1471-9 (1/15)

1571091