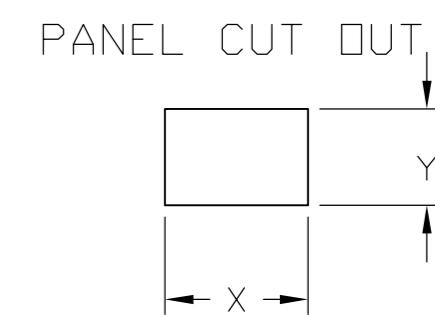
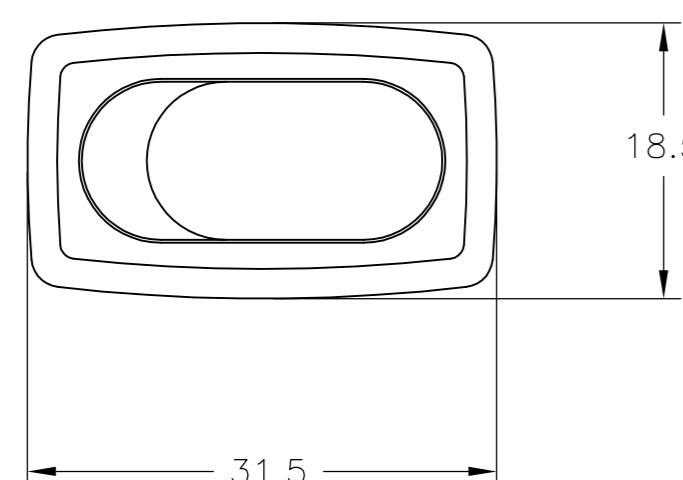


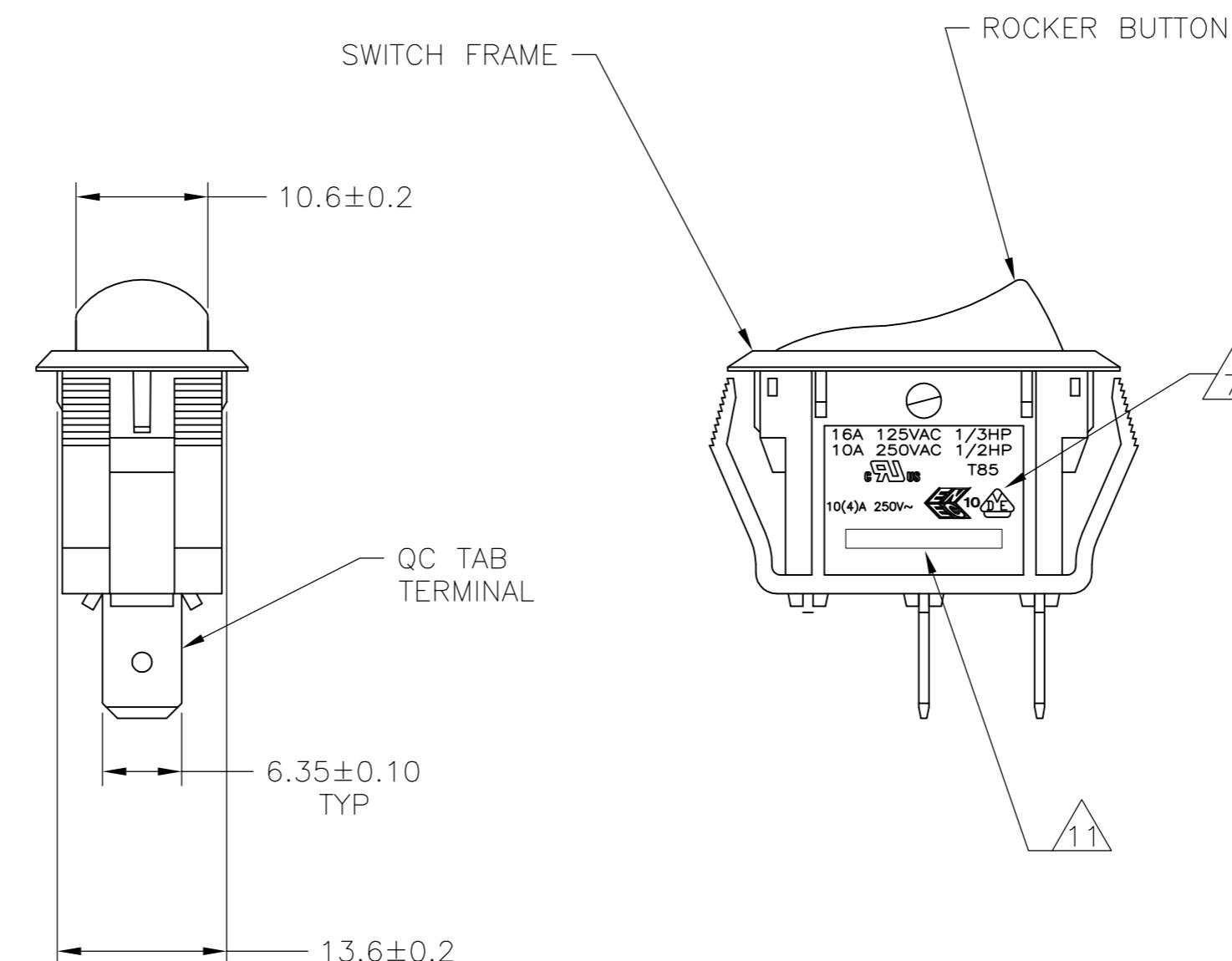
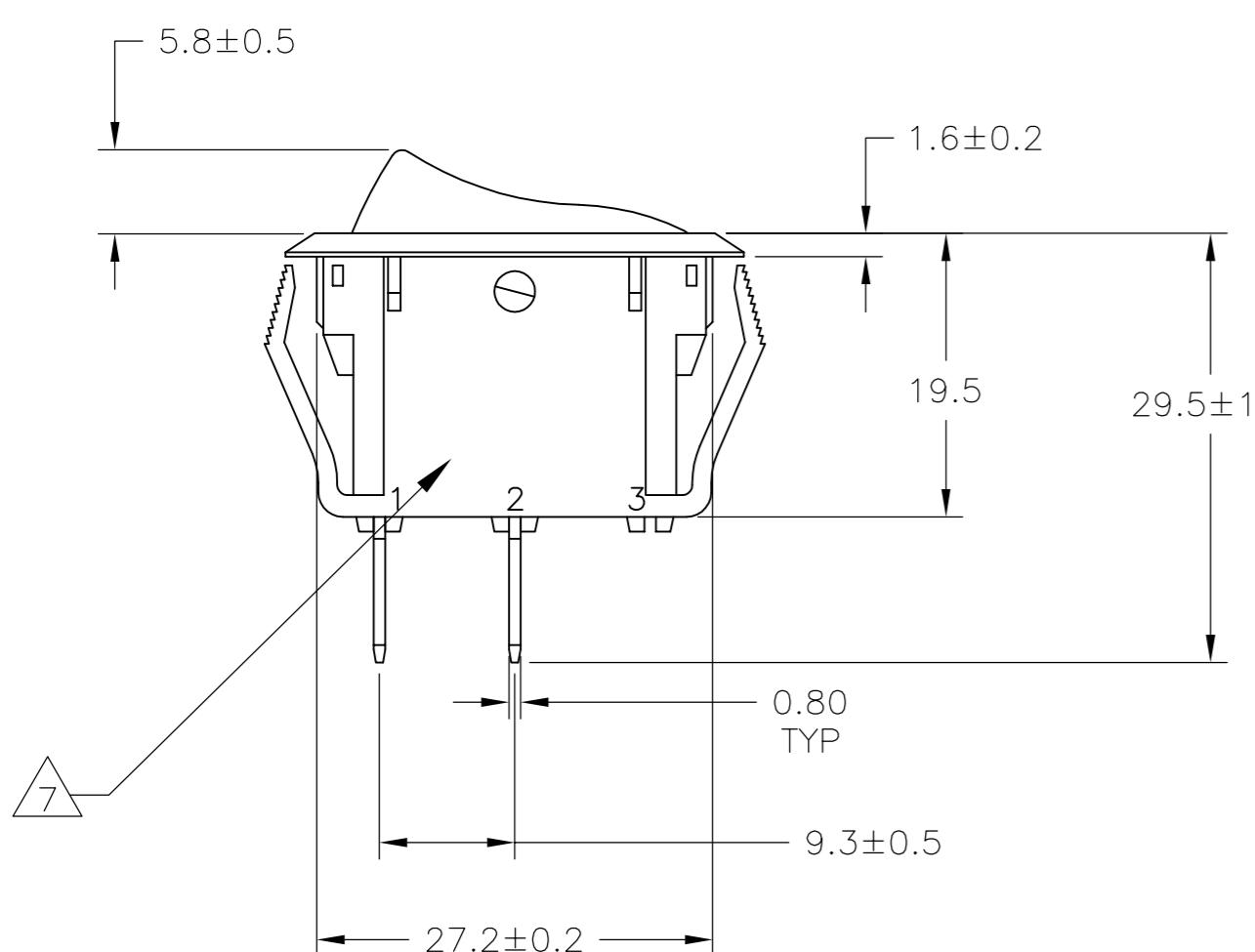
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REVISIONS

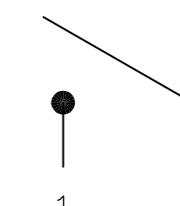
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F2	REVISED PER ECO-11-004917	11MAR11	RK	HMR
	F3	REVISED PER ECO-16-017354	07MAR2017	RK	AS



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 FUCNTION A1
CIRCUIT DIAGRAM



1571091-1 SHOWN

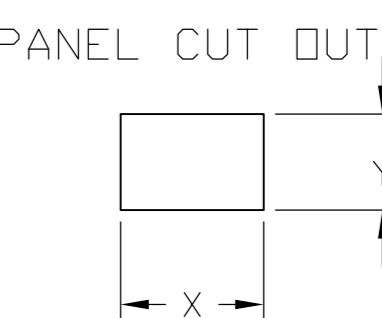
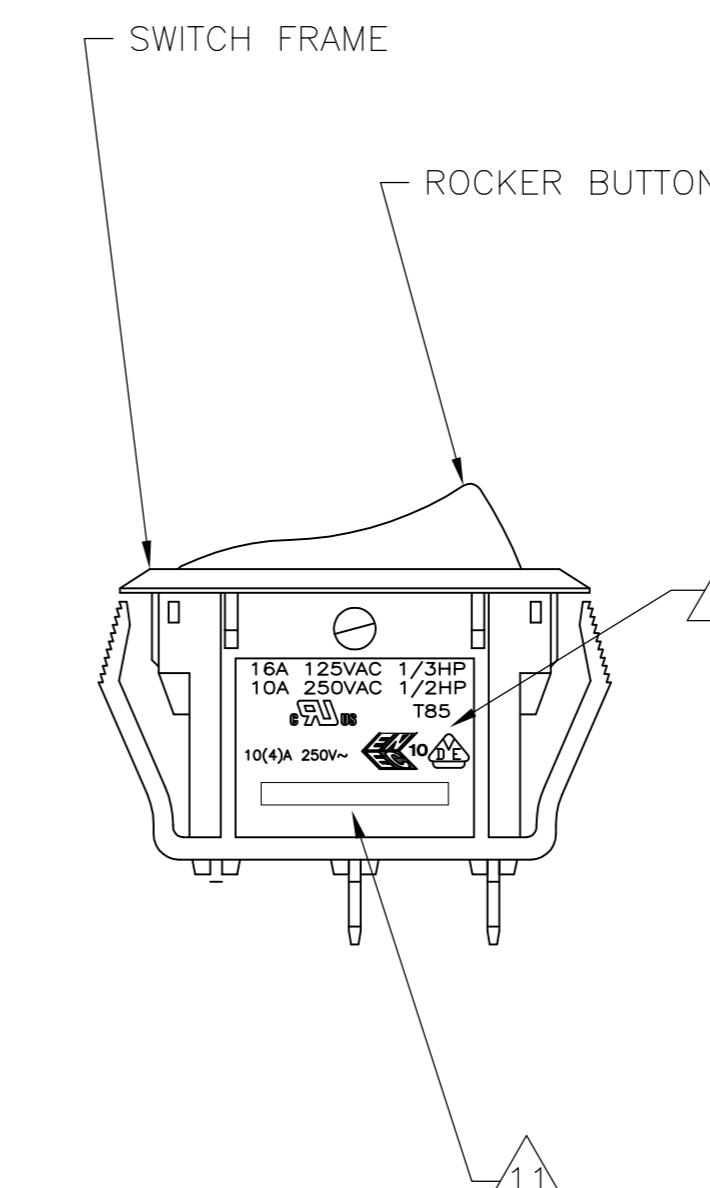
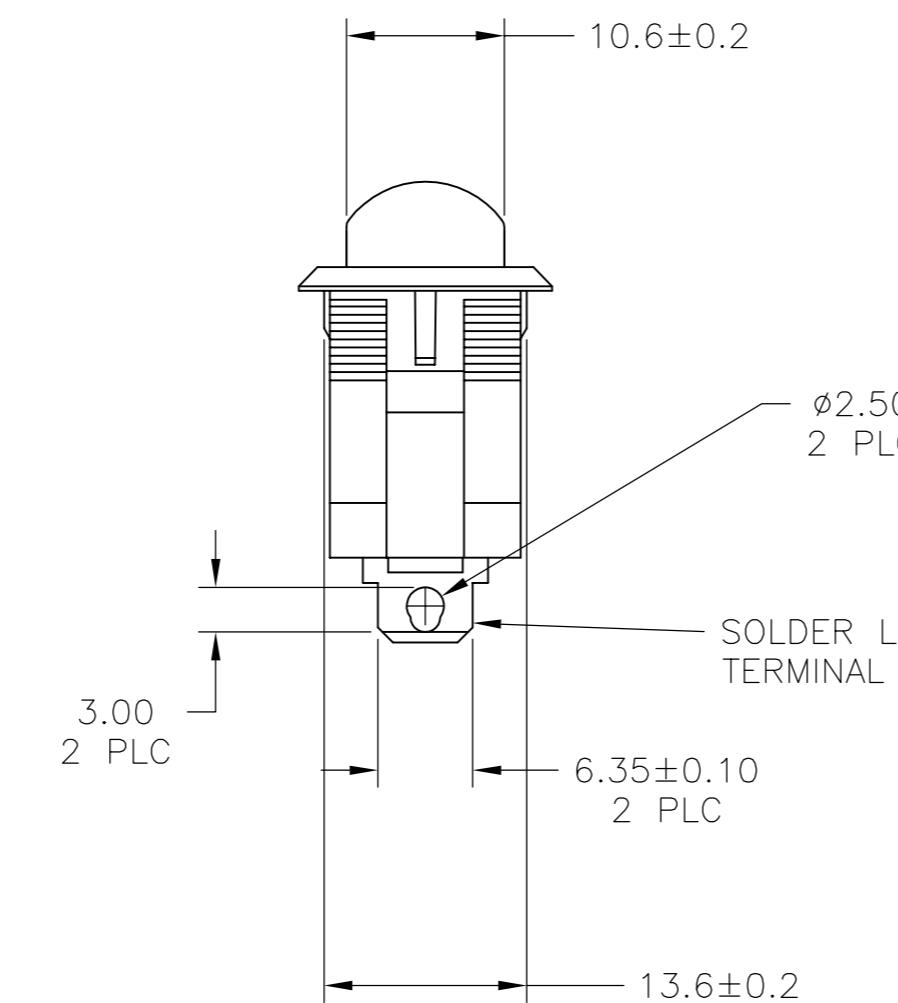
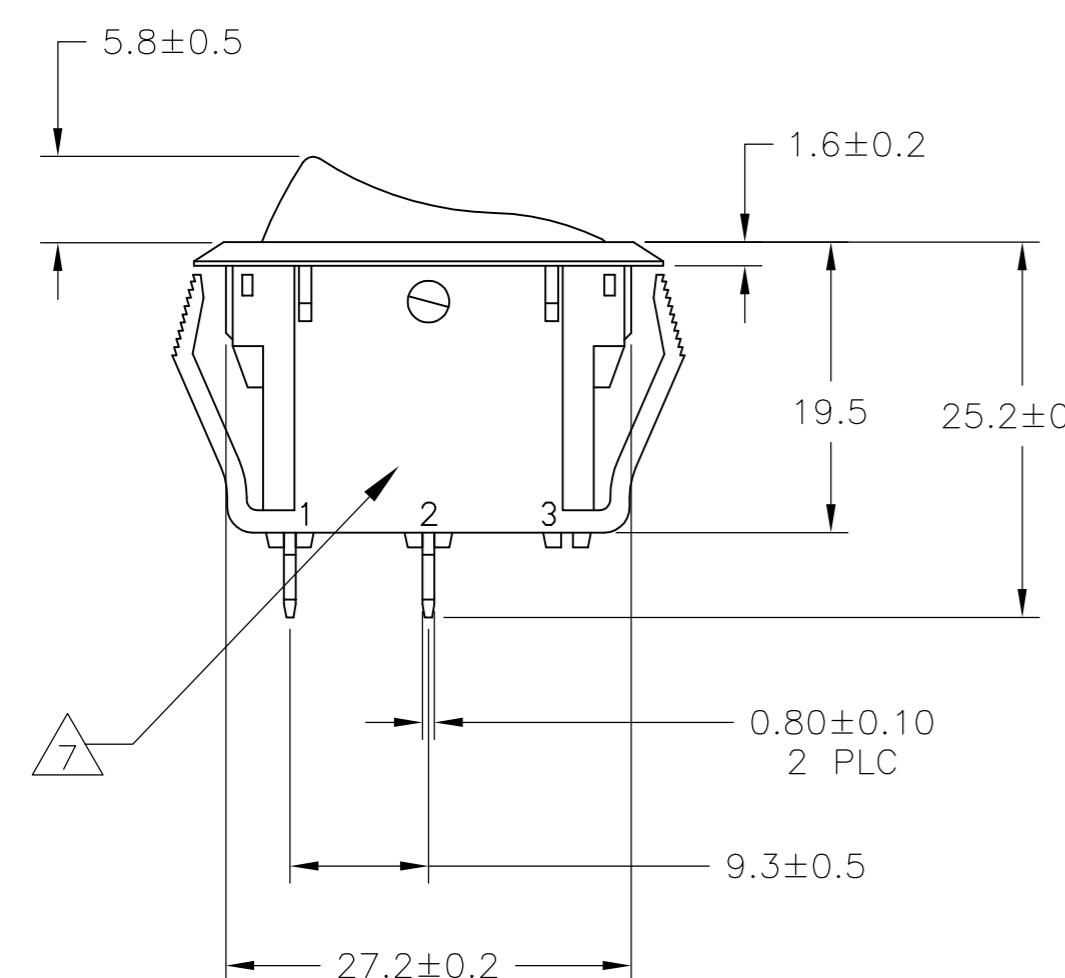
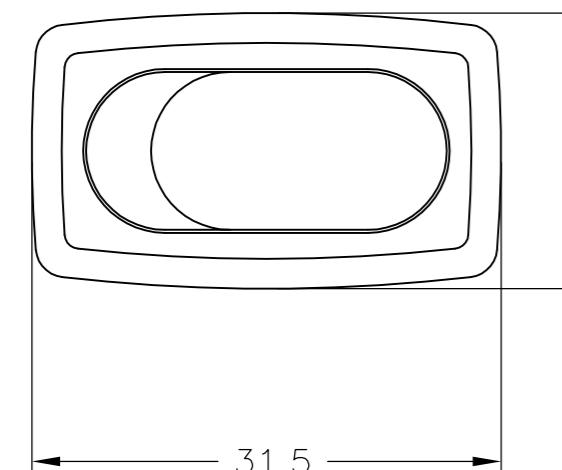
THIS DRAWING IS A CONTROLLED DOCUMENT.		01APR04	TE Connectivity
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	01APR04	
mm		BSV	
0 PLC	± -	CHK	
1 PLC	± 0.30	J.P.	
2 PLC	± 0.05	PRODUCT SPEC	
3 PLC	± -	APPLICATION SPEC	
4 PLC	± -		
ANGLES	± -		
MATERIAL		WEIGHT	NAME
1			POWER ROCKER SWITCH 13.8mmX27.6mm
2			PANEL SIZE SPST, 2 TERMINALS, NON-ILLUMINATED
CUSTOMER DRAWING		SCALE	RESTRICTED TO
		1:1	
		SHEET	1 OF 3
		REV	F3

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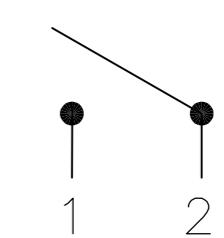
REVISIONS

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 FUCNTION A1
CIRCUIT DIAGRAM



1571091-4 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV	01APR04	NAME TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK J.MOSIER	-	
0 PLC	± -	APVD JP	-	
1 PLC	± 0.30			
2 PLC	± 0.05			
3 PLC	± -	PRODUCT SPEC	-	
4 PLC	± -	APPLICATION SPEC	-	
ANGLES	± -			
MATERIAL 1	FINISH 2	WEIGHT 0		
		CUSTOMER DRAWING	SCALE 1:1	1 OF 3 REV F3
			SHEET	2 OF 3
			RESTRICTED TO	-
			CAGE CODE	DRAWING NO A2 00779 C-1571091

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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

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.

CURRENT RATING: X₇X₈ = 16 - 6

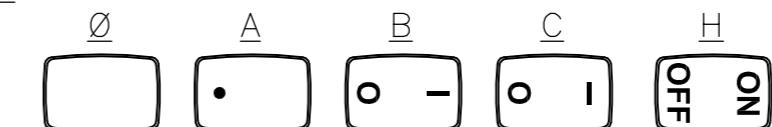
TERMINAL TYPE: X₉ = F - QC TAB
L - SOLDER LUG

FRAME COLOR: X₁₀ = B - BLACK
W - WHITE

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

SECONDARY ROCKER COLOR: X₁₂ = Ø - NOT APPLICABLE

LEGEND TEXT PATTERN: X₁₃ =



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:
ACTIVE CONTACTOR & TERMINALS: 1.0µm MIN SILVER
PLUNGER: 3.0µm MIN NICKEL

3. ELECTRICAL SPECIFICATIONS: 6
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
ENECL: 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-RECOGNIZED TO US & CANADIAN STANDARDS
UL FILE NO. E46765

9. COMPONENT-RECOGNIZED TO EUROPEAN STANDARDS
(ENECL & VDE) MARKS LICENSE NO 40020315

10. ROHS 2002/95/EC COMPLIANT

11. TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN

OBSOLETE	1	PRBSA1-16F-BROHW	6-1571091-0
	2	PRBSA1-16L-BR000	5-1571091-8
OBSOLETE	1	PRBSA1-16F-BR000	5-1571091-7
	1	PRBSA1-16F-BW0HB	1-1571091-2
OBSOLETE	1	PRBSA1-16F-BW000	1-1571091-1
	1	PRBSA1-16F-BB0HW	1571091-9
OBSOLETE	2	PRBSA1-16L-BB0CW	1571091-6
	2	PRBSA1-16L-BB0BW	1571091-5
OBSOLETE	2	PRBSA1-16L-BB000	1571091-4
	1	PRBSA1-16F-BB0CW	1571091-3
OBSOLETE	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.		01APR04	TE Connectivity
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	BSV CHK J.MOSIER	
mm	0 PLC ± - 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD JP	NAME
		PRODUCT SPEC	POWER ROCKER SWITCH 13.8mmX27.6mm
		APPLICATION SPEC	PANEL SIZE SPST, 2 TERMINALS, NON-ILLUMINATED
MATERIAL:	FINISH:	WEIGHT:	SIZE CAGE CODE DRAWING NO RESTRICTED TO
-	-	-	A2 00779 C-1571091 -
		CUSTOMER DRAWING	
		SCALE 1:1	3 OF 3 REV F3

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