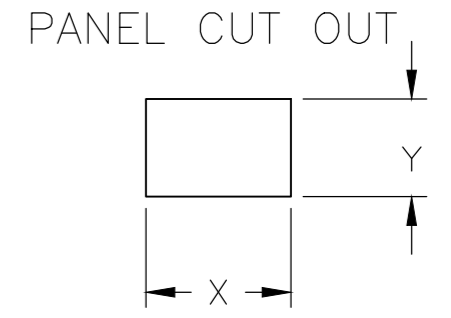
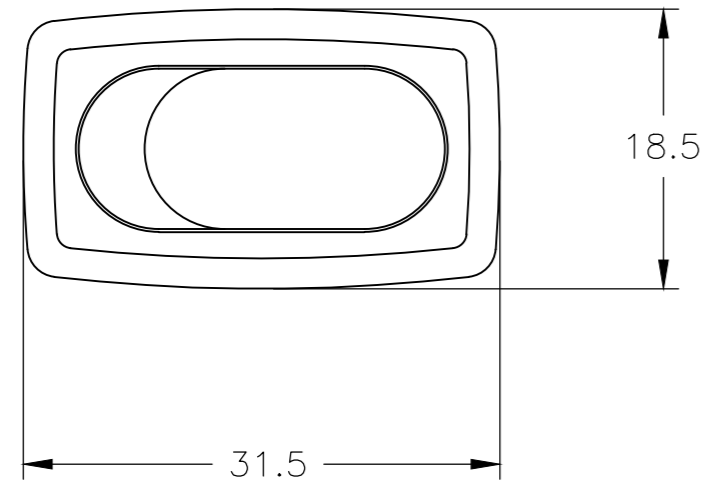
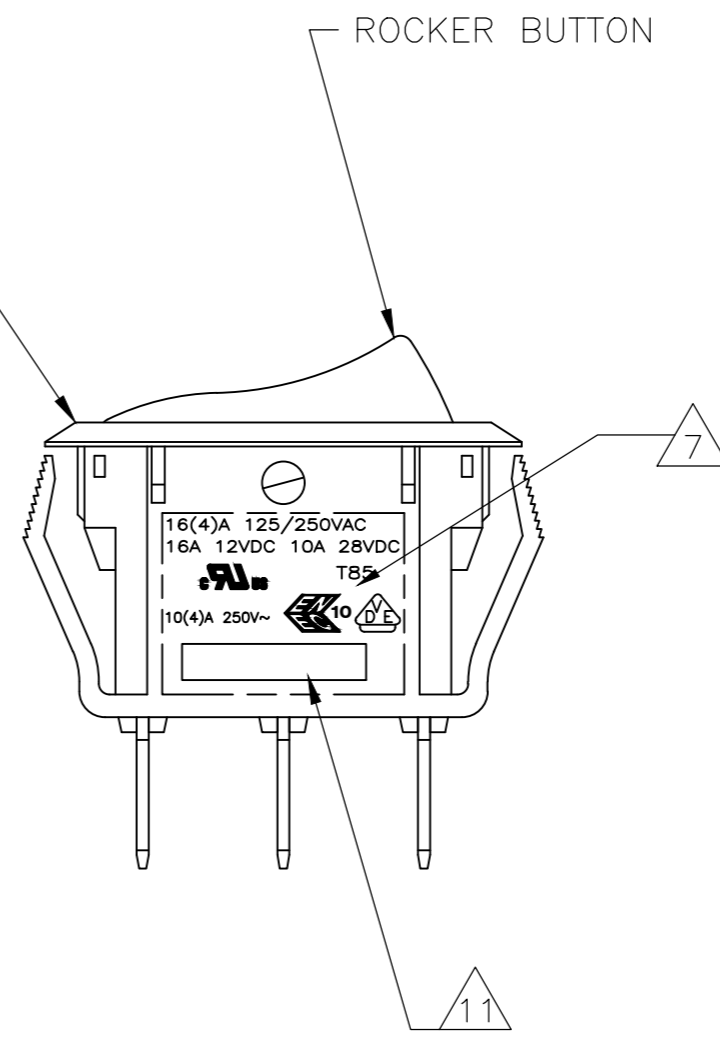
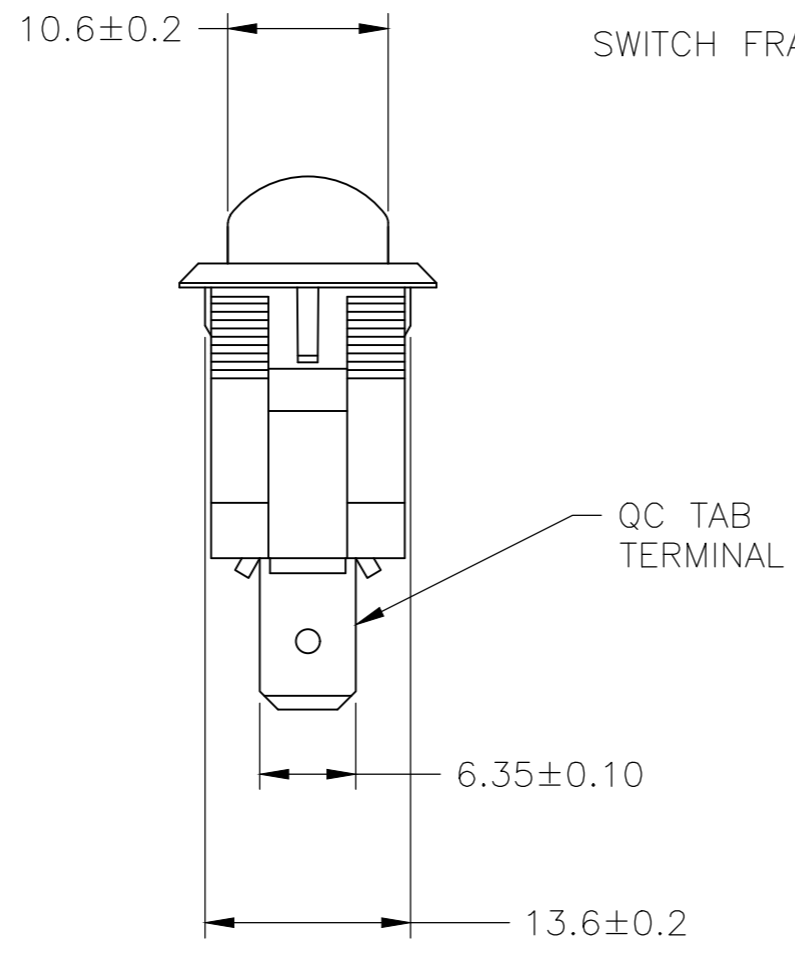
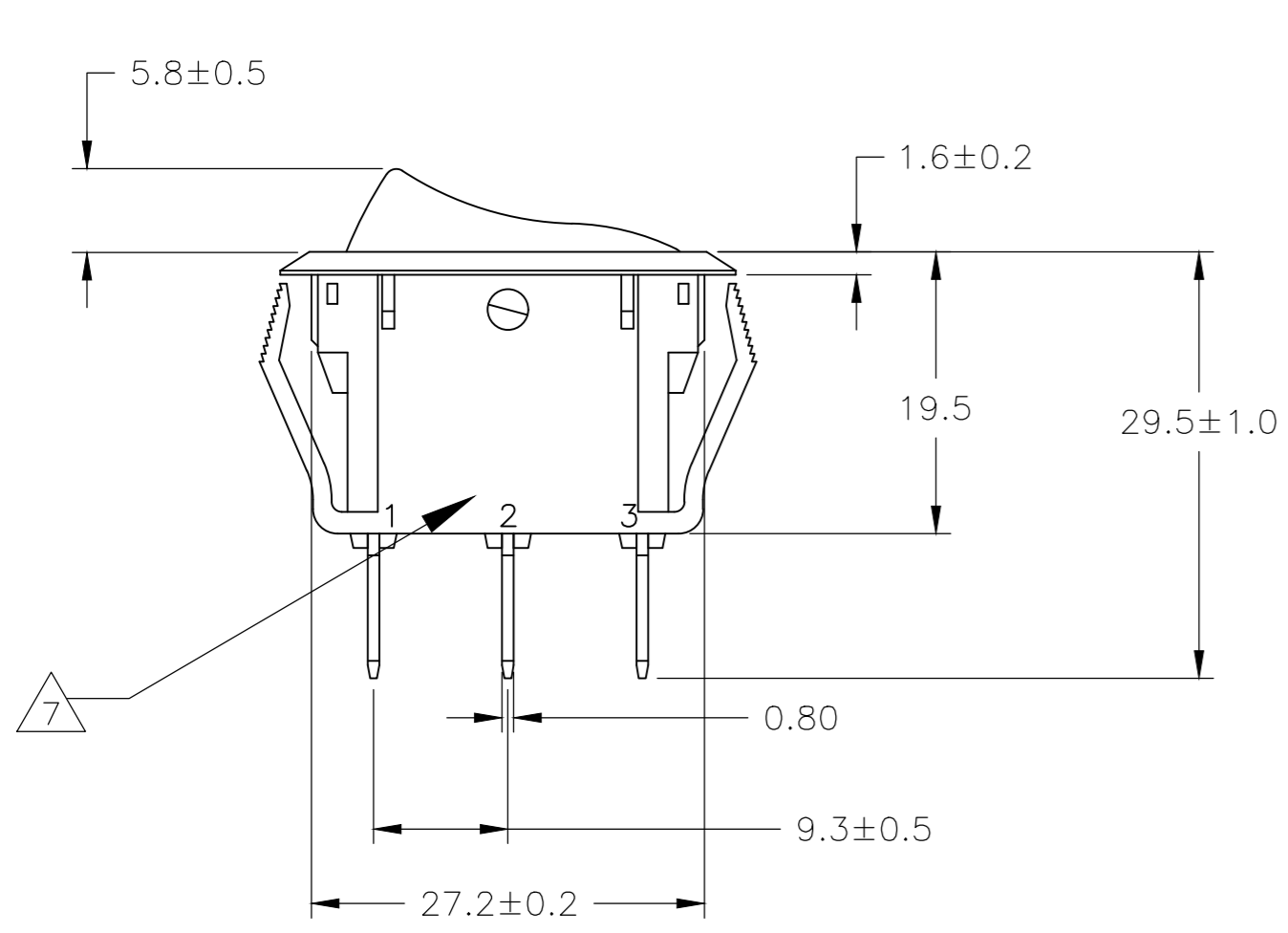


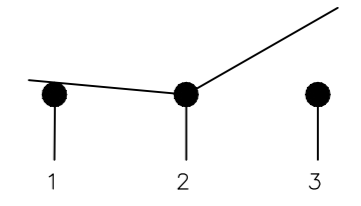
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
F		REVISED PER ECO-18-017612	28NOV2018	RSM	PO



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 D1  
CIRCUIT DIAGRAM

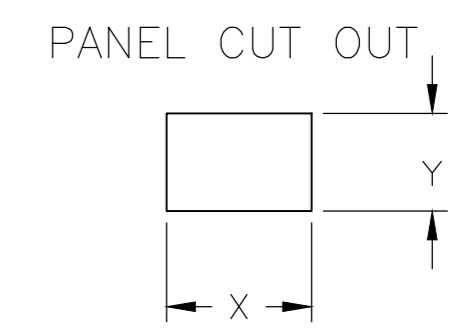
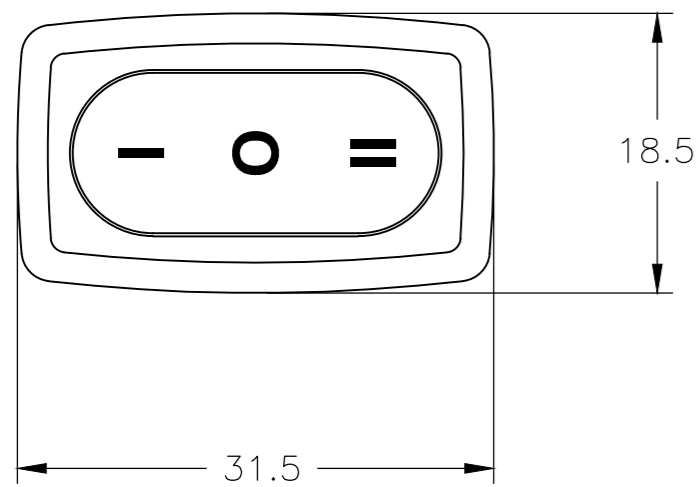


OBSOLETE 1571094-1 SHOWN

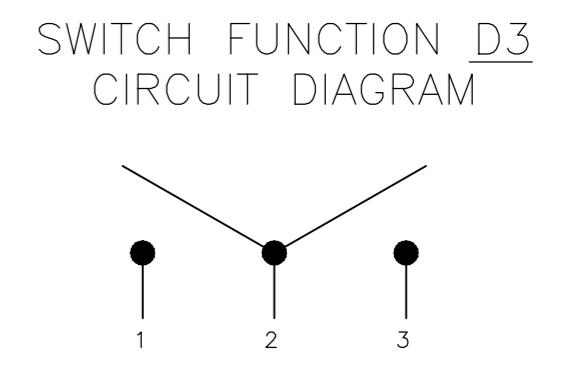
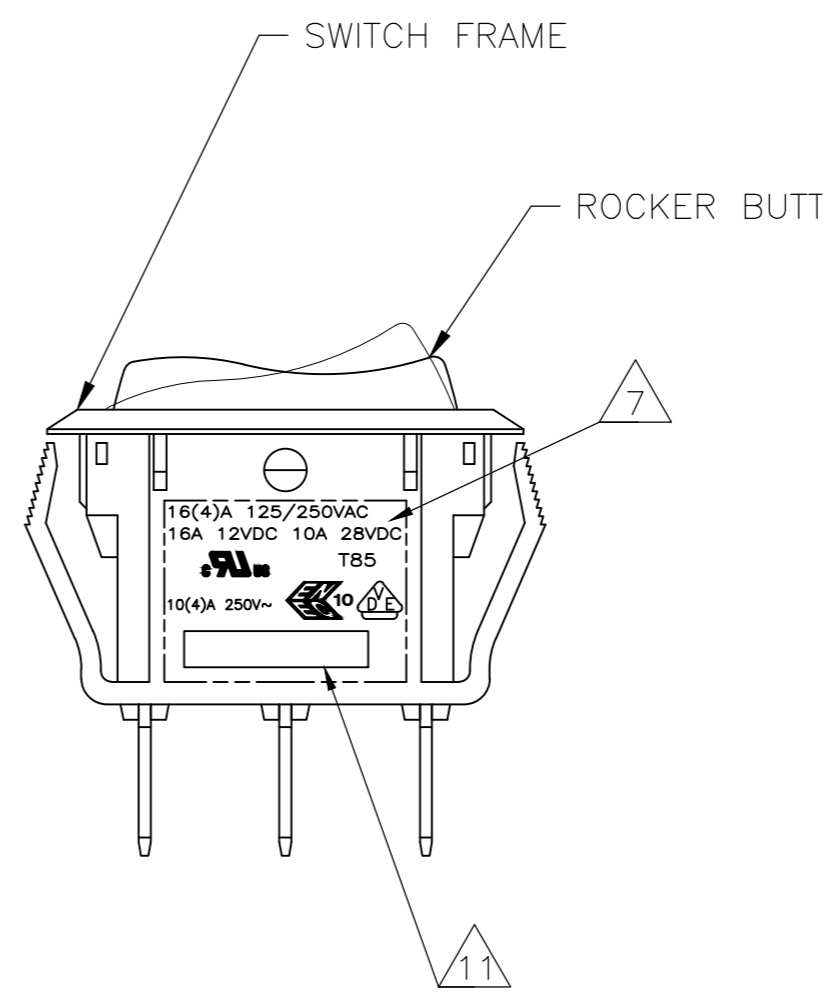
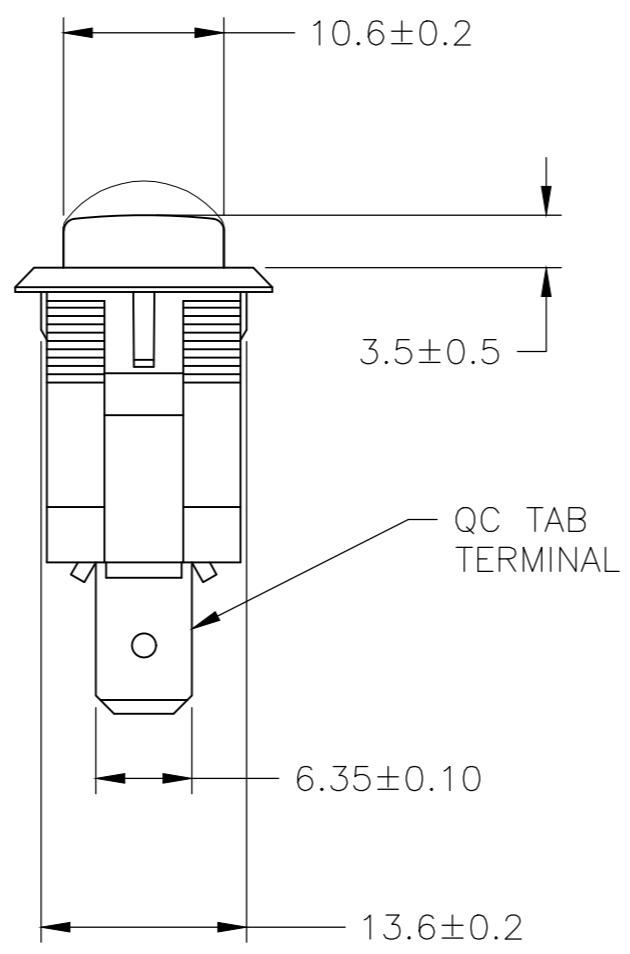
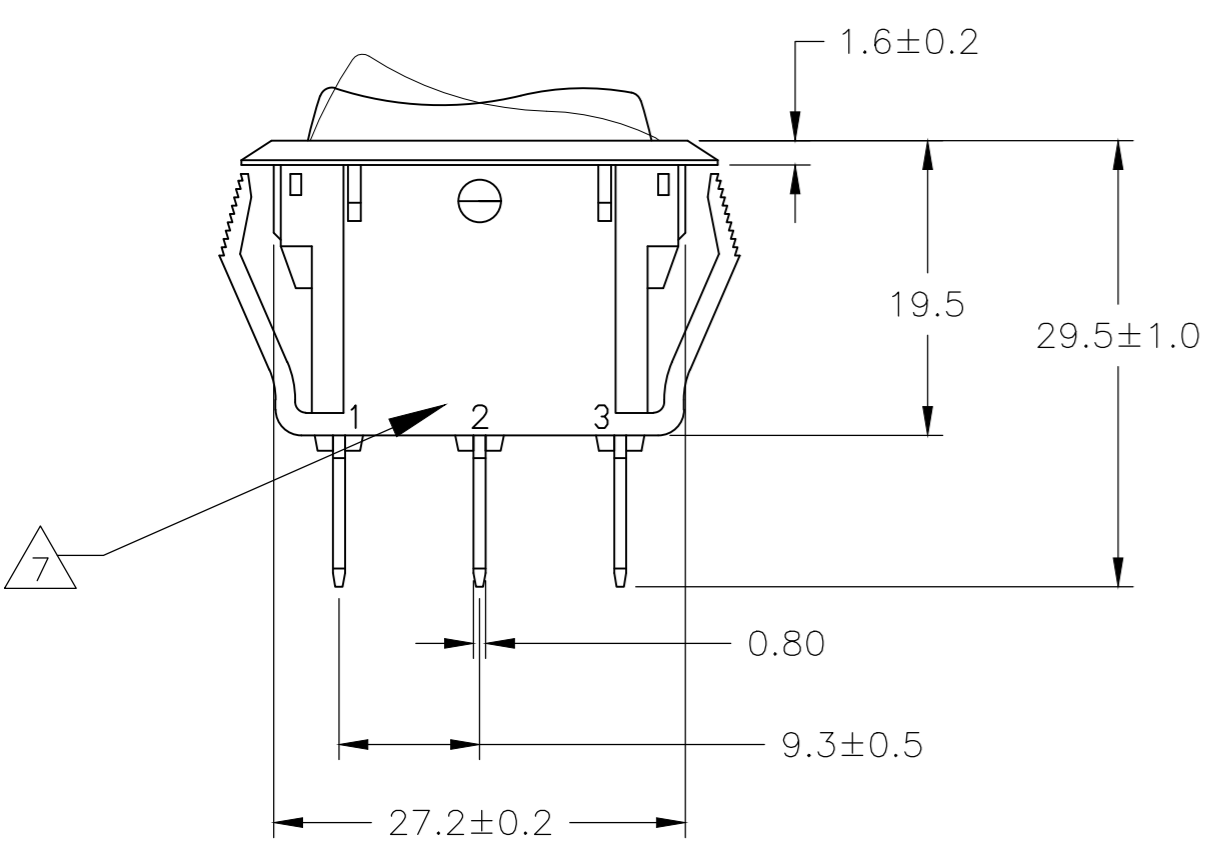
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV	05APR04		
DIMENSIONS: mm		CHK J.MOSIER	APVD JP		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME	
0 PLC ± -		NOT APPLICABLE		-	
1 PLC ± 0.30		APPLICATION SPEC		POWER ROCKER SWITCH 13.8mmX27.6mm	
2 PLC ± 0.05		WEIGHT		PANEL SIZE SPDT, 3 TERMINALS, NON-ILLUMINATED	
3 PLC ± -		CUSTOMER DRAWING		SIZE A2	CAGE CODE 00779
4 PLC ± -		SCALE 2:1		DRAWING NO. C=1571094	RESTRICTED TO -
ANGLES ± -		SHEET 1 of 3		REV F	
FINISH		SHEET		REV	

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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



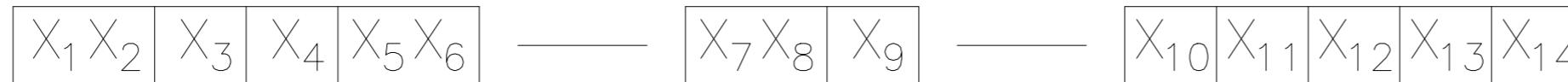
OBSELETE 1571094-5 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV	05APR04		
DIMENSIONS: mm		CHK J.MOSIER	APVD JP		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME	
0 PLC	± -	NOT APPLICABLE		POWER ROCKER SWITCH, 13.8mm X 27.6mm	
1 PLC	± 0.30	APPLICATION SPEC		PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE THROW, THREE TERMINALS, NON-ILLUMINATED	
2 PLC	± 0.05	MATERIAL		SIZE	CAGE CODE
3 PLC	± -	FINISH		DRAWING NO	RESTRICTED TO
4 PLC	± -	MATERIAL		A2	00779
ANGLES	± -	FINISH		C=1571094	
WEIGHT		CUSTOMER DRAWING		SCALE	SHEET
WEIGHT		CUSTOMER DRAWING		2:1	2 of 3
WEIGHT		CUSTOMER DRAWING		REV	F

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

### LEGACY PART NUMBER



SWITCH TYPE: X<sub>1</sub>X<sub>2</sub> = PR - POWER ROCKER

SECONDARY ROCKER COLOR: X<sub>12</sub> = Ø - NOT APPLICABLE

NOMINAL PANEL CUT OUT SIZE: X<sub>3</sub> = B - 13.8 x 27.6

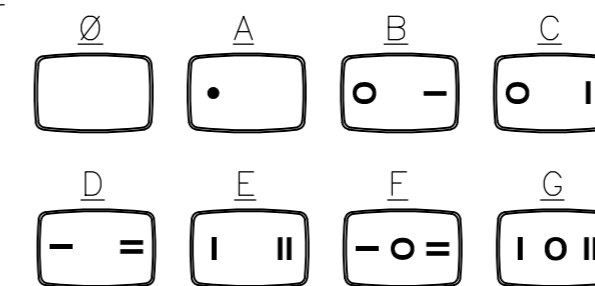
NUMBER OF POLES: X<sub>4</sub> = S - SINGLE

SWITCH FUNCTION: X<sub>5</sub>X<sub>6</sub> = D1 : ON - NONE - ON, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON  
D3 : ON - OFF - ON, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON

CURRENT RATING: X<sub>7</sub>X<sub>8</sub> = 16 - △

LEGEND TEXT PATTERN: X<sub>13</sub> =

TERMINAL TYPE: X<sub>9</sub> = F - QC TAB  
L - SOLDER LUG



FRAME COLOR: X<sub>10</sub> = B - BLACK  
W - WHITE

LEGEND TEXT COLOR: X<sub>14</sub> = Ø - NOT APPLICABLE

ROCKER COLOR: X<sub>11</sub> = B - BLACK  
G - GREEN  
R - RED  
W - WHITE

G - GREEN  
R - RED  
B - BLACK  
W - WHITE



**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



UL: 16(4)A 125/250VAC / 16A12VDC 10A 28VDC  
 ENEC: 10(4)A 250V~



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



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

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

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

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)

10. ROHS 2002/95/EC COMPLIANT



TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN

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)

	1	PRBSD1-16F-WWOEB	1-1571094-3
	2	PRBSD3-16F-BW000	1571094-7
OBSOLETE	2	PRBSD3-16F-BB0GW	1571094-6
	2	PRBSD3-16F-BB0FW	1571094-5
	2	PRBSD3-16F-BB000	1571094-4
OBSOLETE	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.		DWN BSV 05APR04	<b>TE</b> TE Connectivity	
DIMENSIONS: mm		CHK J.MOSIER		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD JP	NAME POWER ROCKER SWITCH, 13.8mm X 27.6mm	
0 PLC ± -		PRODUCT SPEC	PANEL CUT-OUT SIZE, SINGLE POLE, DOUBLE THROW,	
1 PLC ± 0.30		APPLICATION SPEC	THREE TERMINALS, NON-ILLUMINATED	
2 PLC ± 0.05		WEIGHT	SIZE A2	CAGE CODE 00779
3 PLC ± -		FINISH	DRAWING NO	RESTRICTED TO
4 PLC ± -			1571094	-
ANGLES ± -		CUSTOMER DRAWING		
MATERIAL		SCALE 1:1	SHEET 3 OF 3	REV F