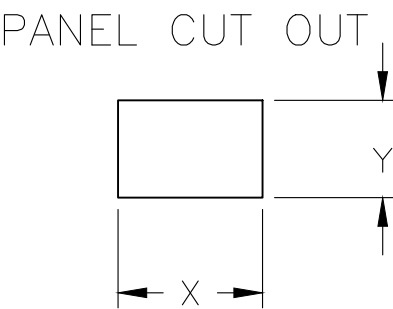
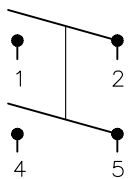
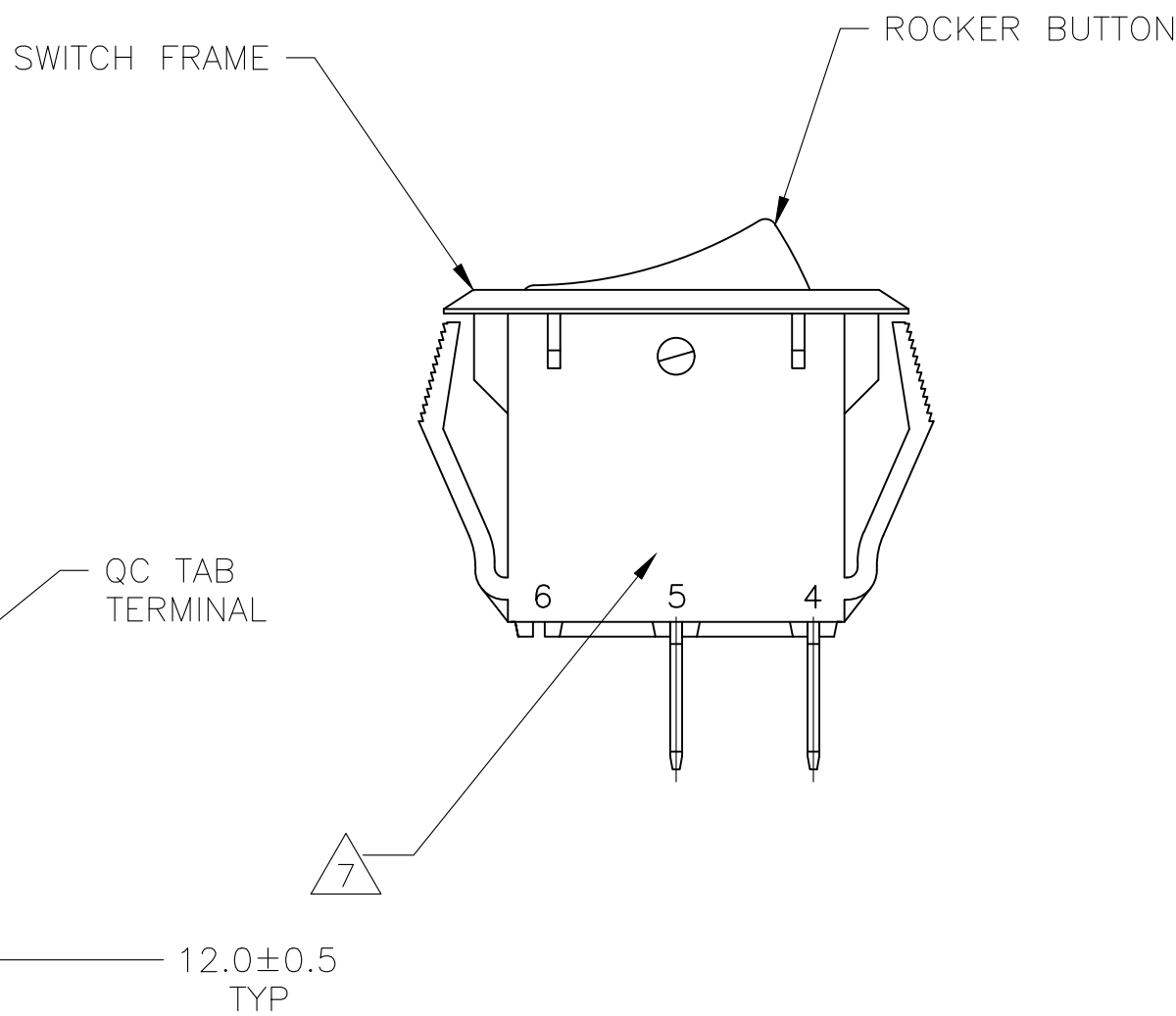




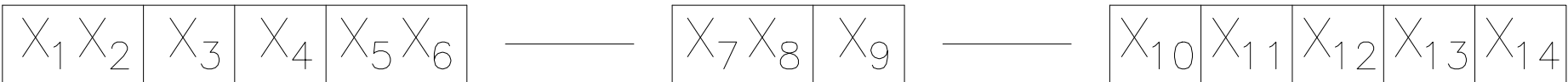
5.00-6.30	28.6-0.1	25.4+0.1
3.00-5.00	28.0-0.1	25.4+0.1
0.75-3.00	27.6-0.1	25.4+0.1
PANEL THICKNESS	X	Y



OBSOLETE ~~1571103-2~~ SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV CHK J.MOSIER APVD JP		 TE Connectivity	
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± - 1 PLC ± 0.30 2 PLC ± 0.05 3 PLC ± - 4 PLC ± - ANGLES ± -		POWER ROCKER SWITCH, 25.4mmX27.6mm PANEL SIZE, DPST 4 TERMINALS, NON-ILLUMINATED -	
MATERIAL		FINISH		SIZE	RESTRICTED TO
				CAGE CODE A2 00779	DRAWING NO C=1571103
		WEIGHT		SCALE 2:1 SHEET 1 of 2 REV F2	
		CUSTOMER DRAWING			

LEGACY PART NUMBER



SWITCH TYPE: $X_1 X_2 = \underline{\text{PR}}$ - POWER ROCKER

SECONDARY ROCKER COLOR: X12 = Ø - NOT APPLICABLE

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

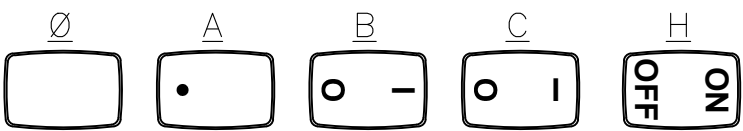
NUMBER OF POLES: $X_4 = \underline{D}$ - DOUBLE

SWITCH FUNCTION: $X_5X_6 = \underline{A1}$ - ON-OFF, WITH OPAQUE,
SINGLE-COLOR ROCKER BUTTON.

LEGEND TEXT PATTERN: $X_{13} =$

CURRENT RATING: $X_7 X_8 = \underline{16} - \triangle 6$

TERMINAL TYPE: $X_9 = \underline{E}$ - QC TAB



FRAME COLOR: X10 = B - BLACK
 W - WHITE

LEGEND TEXT COLOR: X₁₄ = Ø – NOT APPLICABLE

ROCKER COLOR: $X_{11} = \begin{matrix} \underline{B} & - & \text{BLACK} \\ \underline{G} & - & \text{GREEN} \\ \underline{R} & - & \text{RED} \\ \underline{W} & - & \text{WHITE} \end{matrix}$

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

5. ENVIRONMENTAL SPECIFICATIONS:
 AMBIENT TEMPERATURE: -20°C TO +85°C
 HUMIDITY: MAX 85%
 SALT SPRAY: NO REMARKABLE RUST IN METAL PARTS (5% SALT / 35°C 24 HRS)
 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 2 HRS)



UL: 16A@125VAC 1/3HP / 10A@250VAC 1/2HP
 ENEC: 10(4)A 250V~



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

7

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

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)

8.

COMPONENT RECOGNIZED 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

TYCO ELECTRONICS LOGO LOCATED APPROXIMATELY AS SHOWN

OBSOLETE	PRDDA1-16F-BR0HW	5-1571103-6
	PRDDA1-16F-BR000	5-1571103-4
	PRDDA1-16F-BB0HW	1571103-5
	PRDDA1-16F-BB0CW	1571103-3
OBSOLETE	PRDDA1-16F-BB0BW	1571103-2
	PRDDA1-16F-BB000	1571103-1
	LEGACY PART NUMBER	PART NUMBER

4.

MECHANICAL SPECIFICATIONS:
 ACTUATING FORCE: 850g MIN, 1250g MAX
 OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
 TERMINAL STRENGTH : >10.0kg- QC TAB

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BSV		07APR04		 TE Connectivity	
DIMENSIONS:		CHK J.MOSIER		NAME			
MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD JP		POWER ROCKER SWITCH, 25.4mmX27.6mm PANEL SIZE, DPST 4 TERMINALS, NON-ILLUMINATED			
	0 PLC ± -	PRODUCT SPEC					
	1 PLC ± 0.30	NOT APPLICABLE					
	2 PLC ± 0.05	APPLICATION SPEC					
	3 PLC ± -	NOT APPLICABLE					
	4 PLC ± -	SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
	ANGLES ± -	WEIGHT -		A2	00779	C-1571103	-
MATERIAL	FINISH	CUSTOMER DRAWING				SCALE	2:1
						SHEET	2 of 2
						REV	F2