

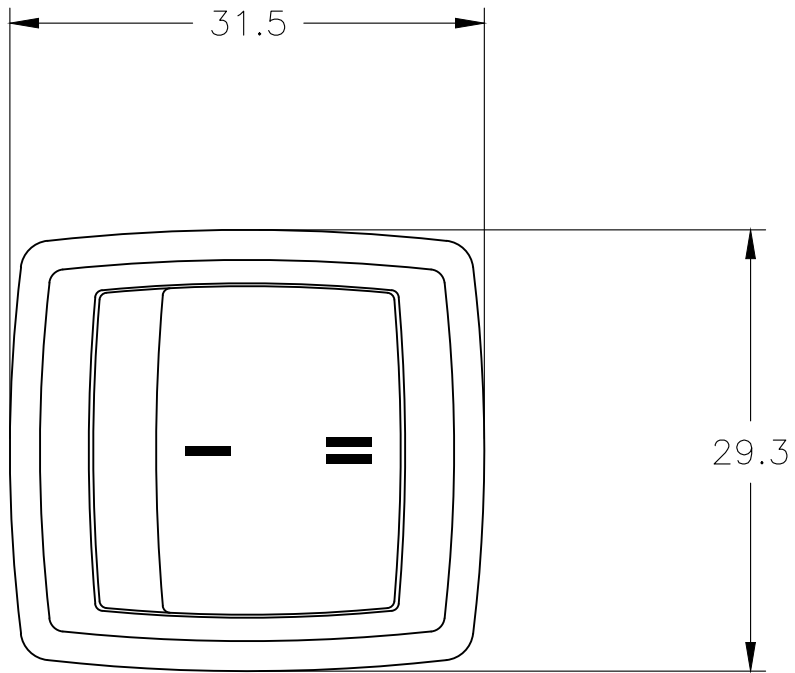
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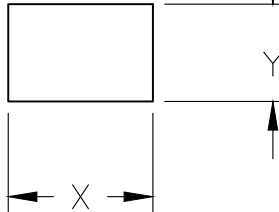
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E1	REVISED PER ECO-10-005254	19MAR10	HMR	NE
	E2	REVISED PER ECO-16-017354	03MAR2017	RK	AS

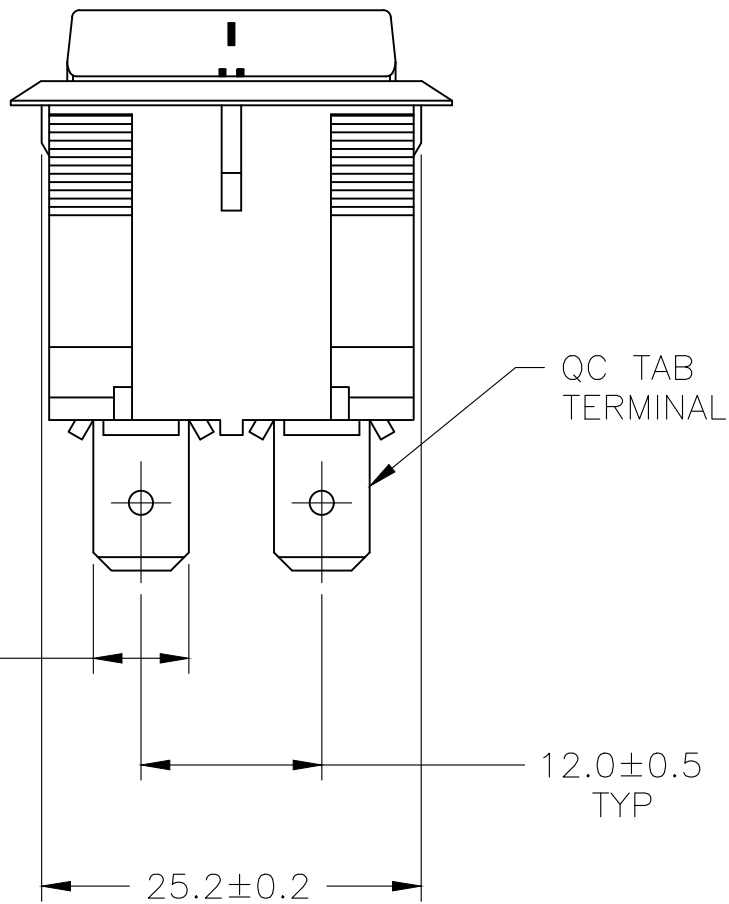
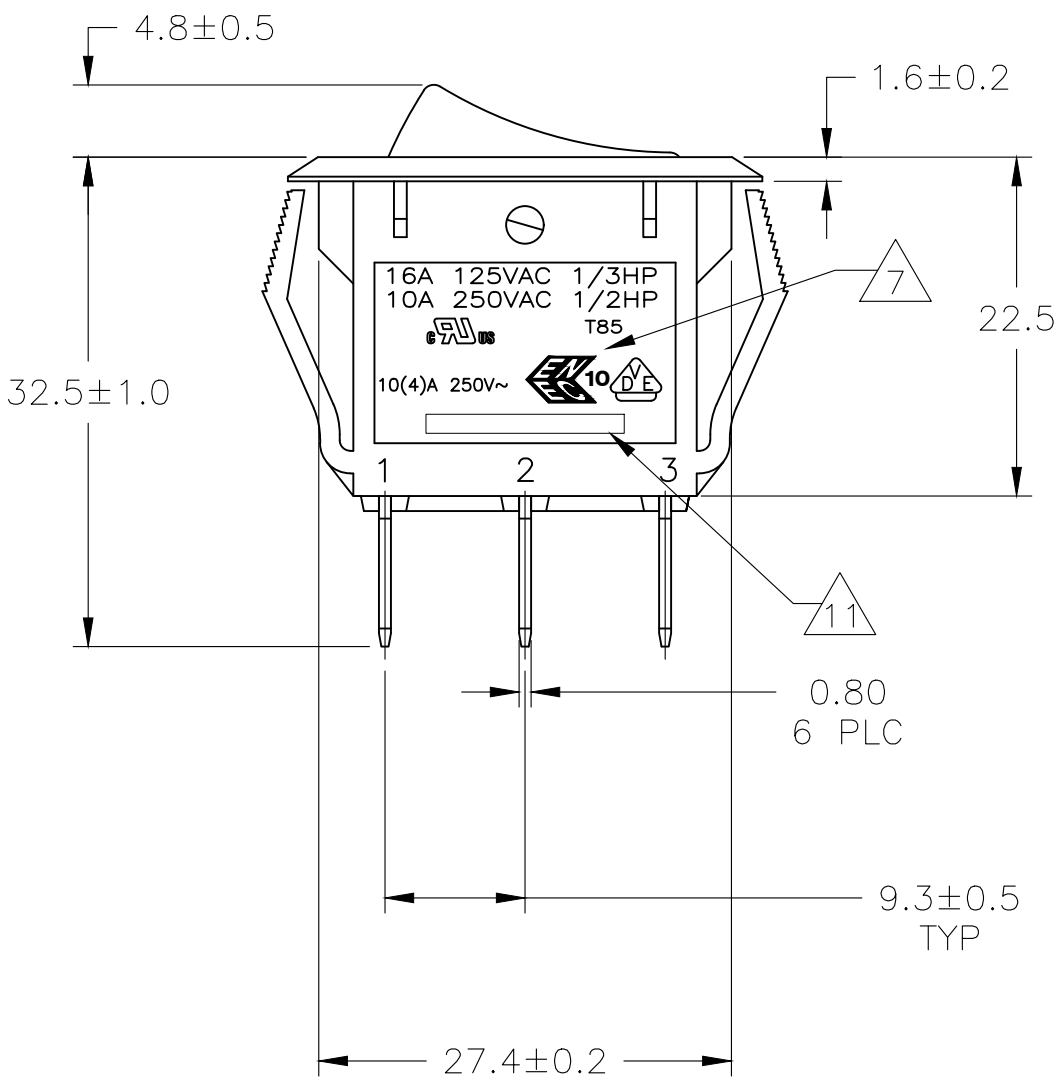
D



PANEL CUT OUT



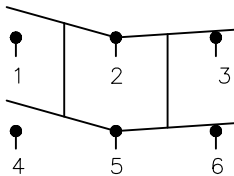
C



SWITCH FRAME

ROCKER BUTTON

SWITCH FUNCTION D1
CIRCUIT DIAGRAM



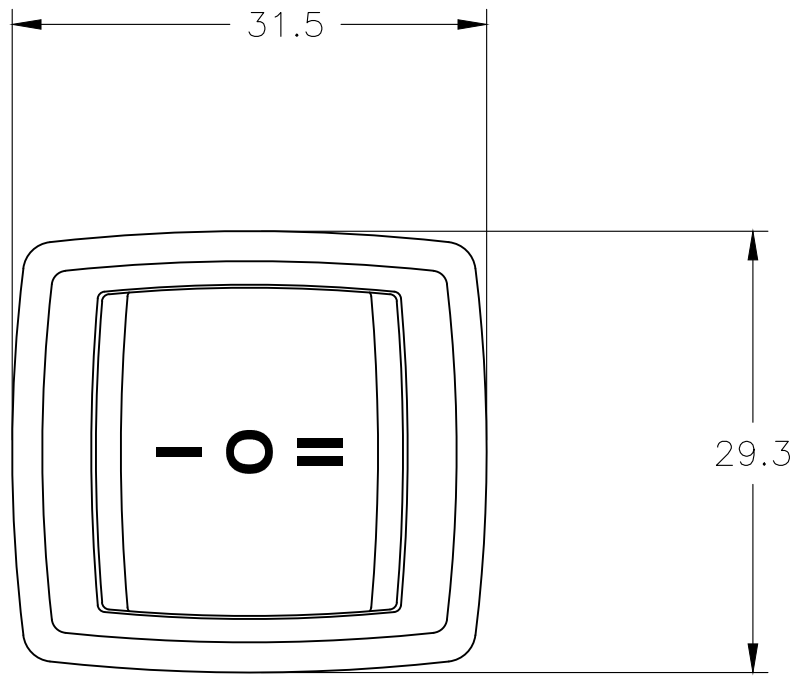
B

A

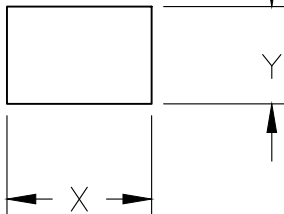
1571113-2 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M BINNER 25FEB2002	TE Connectivity		
DIMENSIONS: mm		CHK J.MOSIER			
		APVD JP	NAME POWER ROCKER SWITCH, 25.4mmX27.6mm PANEL SIZE, DP, 6 TERMINALS, NON-ILLUMINATED		
		PRODUCT SPEC	NOT APPLICABLE		
		APPLICATION SPEC	NOT APPLICABLE		
MATERIAL		FINISH	SIZE A2	CAGE CODE 00779	DRAWING NO. C-1571113
1		2	CUSTOMER DRAWING		RESTRICTED TO -
			SCALE 2:1	SHEET 1 OF 3	REV E2

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

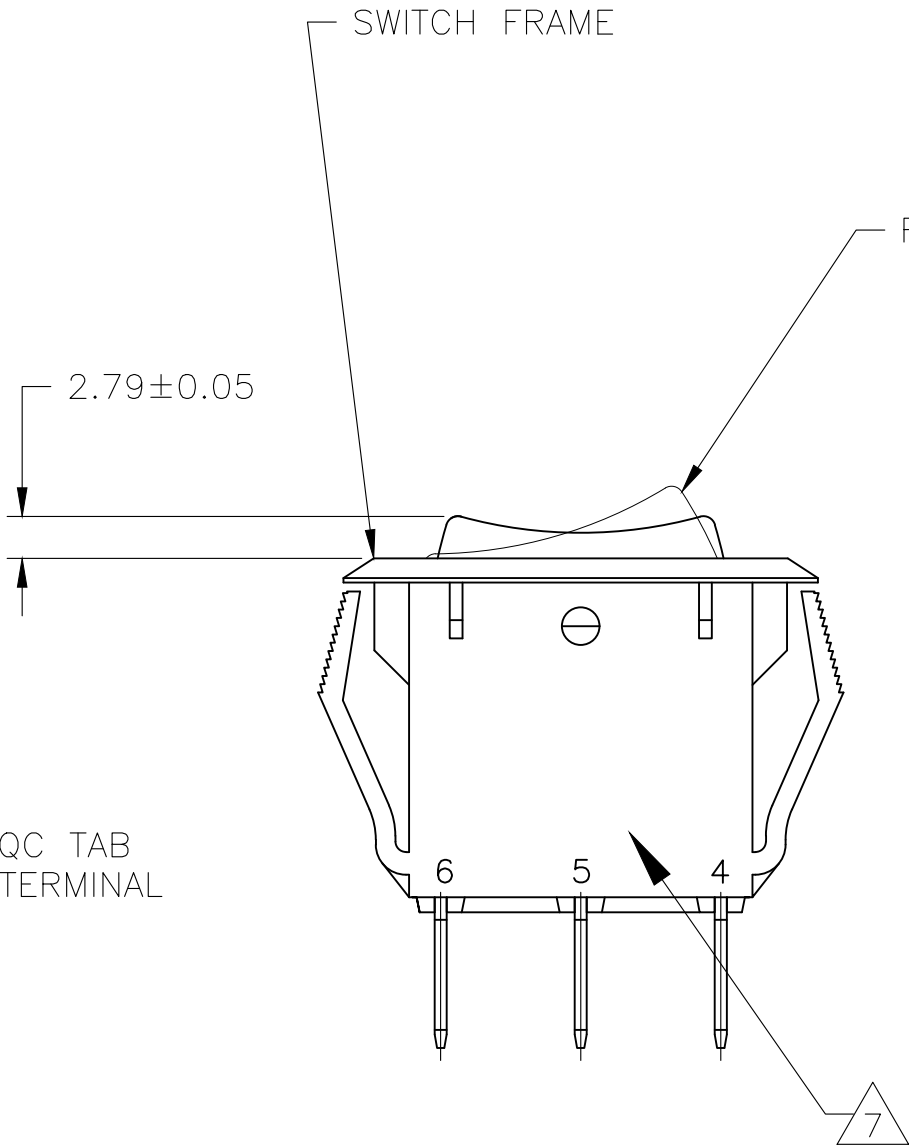
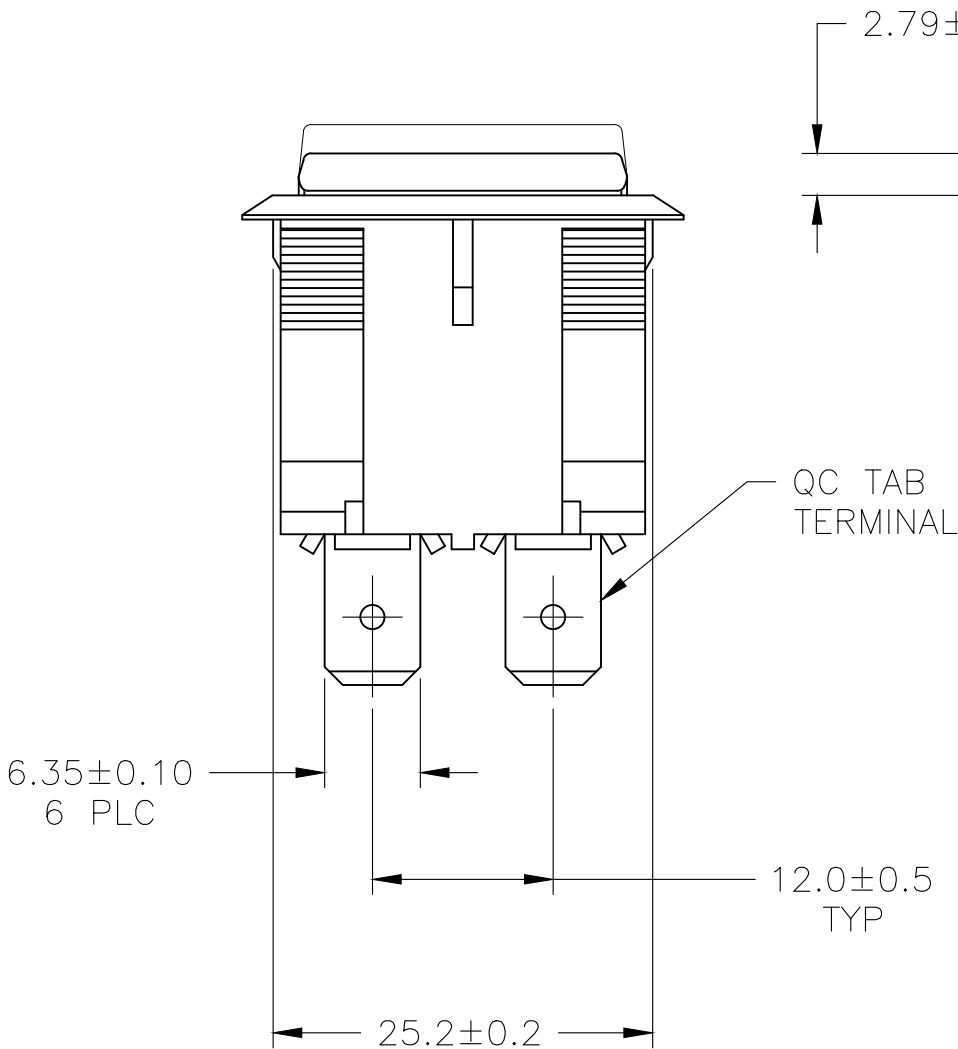
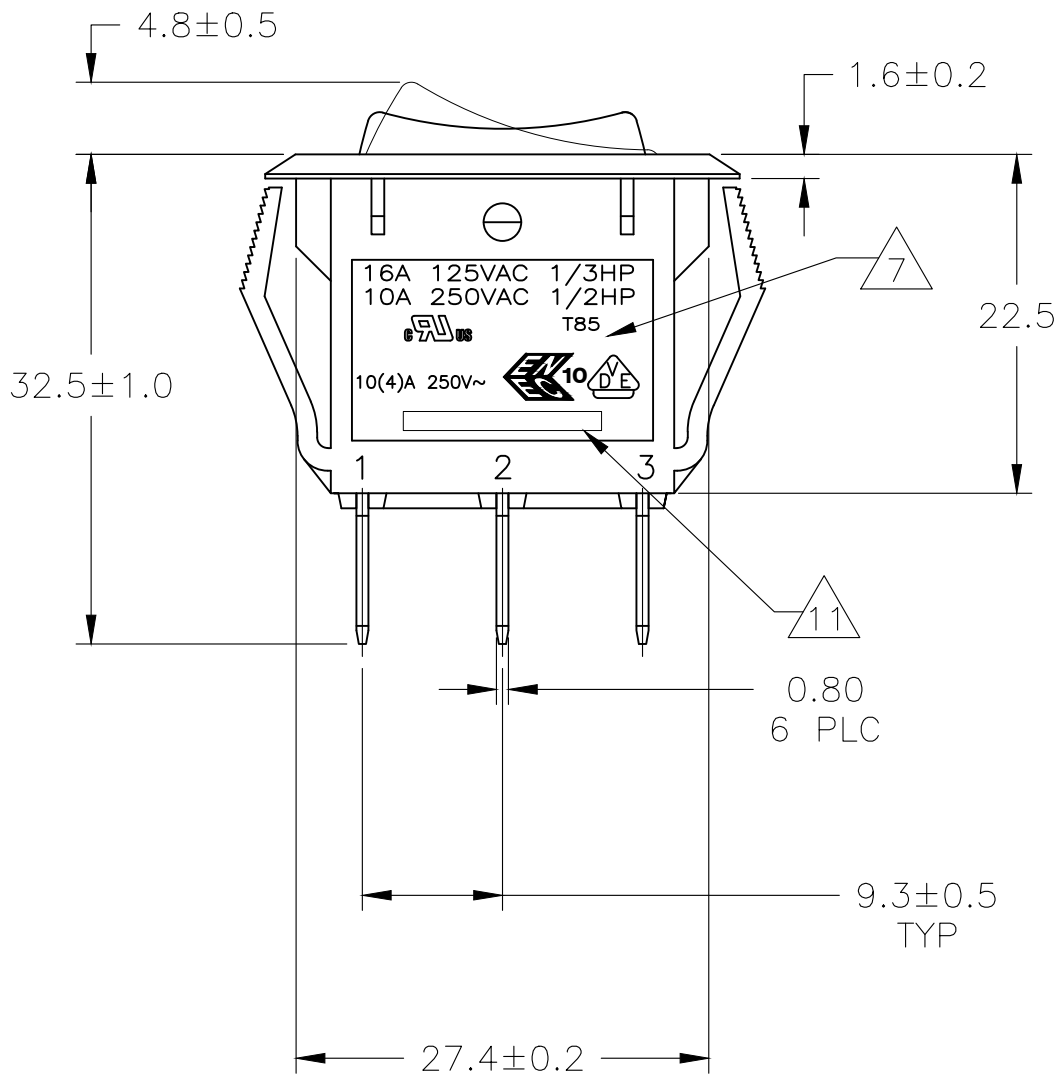
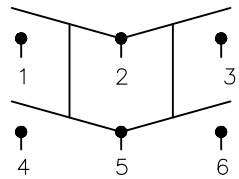


PANEL CUT OUT



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

SWITCH FUNCTION D3
CIRCUIT DIAGRAM



OBSOLETE 1571113=5 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M BINNER	25FEB2002	 TE Connectivity			
		CHK J.MOSIER	—				
DIMENSIONS: mm		APVD JP	—	NAME POWER ROCKER SWITCH, 25.4mmX27.6mm PANEL SIZE, DP, 6 TERMINALS, NON-ILLUMINATED			
		PRODUCT SPEC NOT APPLICABLE					
		APPLICATION SPEC NOT APPLICABLE		SIZE A2	CAGE CODE 00779	DRAWING NO C=1571113	RESTRICTED TO —
MATERIAL  1		FINISH  2		SCALE 2:1		SHEET 2 of 3	REV E2
CUSTOMER DRAWING							

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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 = D — 25.4x27.6

NUMBER OF POLES: X₄ = D — DOUBLE

SWITCH FUNCTION: X₅X₆ = D1 — ON—ON, WITH OPAQUE, SINGLE—COLOR ROCKER BUTTON.

D3 — ON—OFF—ON, WITH OPAQUE, SINGLE—COLOR ROCKER BUTTON.

CURRENT RATING: X₇X₈ = 16 — 6

TERMINAL TYPE: X₉ = E — QC TAB

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 =

Ø

D

E

F

G

- =

I II

- O =

I O II

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

6

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: 850g MIN, 1250g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL STRENGTH : >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 ½HP / 10A@250VAC ½HP
ENEC: 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—RECONIZED 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

11

TYCO ELECTRONICS LOGO LOCATED APPROXIMATELY AS SHOWN

OBSOLETE	2	PRDDD3-16F-BR000	5-1571113-7
	2	PRDDD3-16F-BB0GW	1571113-6
OBSOLETE	2	PRDDD3-16F-BB0FW	1571113-5
	2	PRDDD3-16F-BB000	1571113-4
OBSOLETE	1	PRDDD1-16F-BB0EW	1571113-3
	1	PRDDD1-16F-BB0DW	1571113-2
	1	PRDDD1-16F-BB000	1571113-1
SHEET REF.		LEGACY PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M BINNER 25FEB2002	TE TE Connectivity				
DIMENSIONS: mm		CHK J.MOSIER					
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD JP	NAME POWER ROCKER SWITCH, 25.4mmX27.6mm PANEL SIZE, DP, 6 TERMINALS, NON-ILLUMINATED			
	0 PLC	± -	PRODUCT SPEC				
	1 PLC	± 0.30	NOT APPLICABLE				
	2 PLC	± 0.05	APPLICATION SPEC				
	3 PLC	± -	NOT APPLICABLE				
MATERIAL		FINISH	WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO 1571113	RESTRICTED TO —
CUSTOMER DRAWING			SCALE 2:1	SHEET 3 OF 3	REV E2		

1471-9 (1/15)

1571113

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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