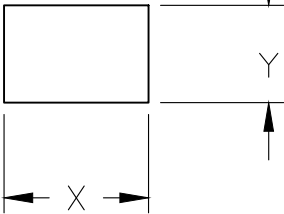


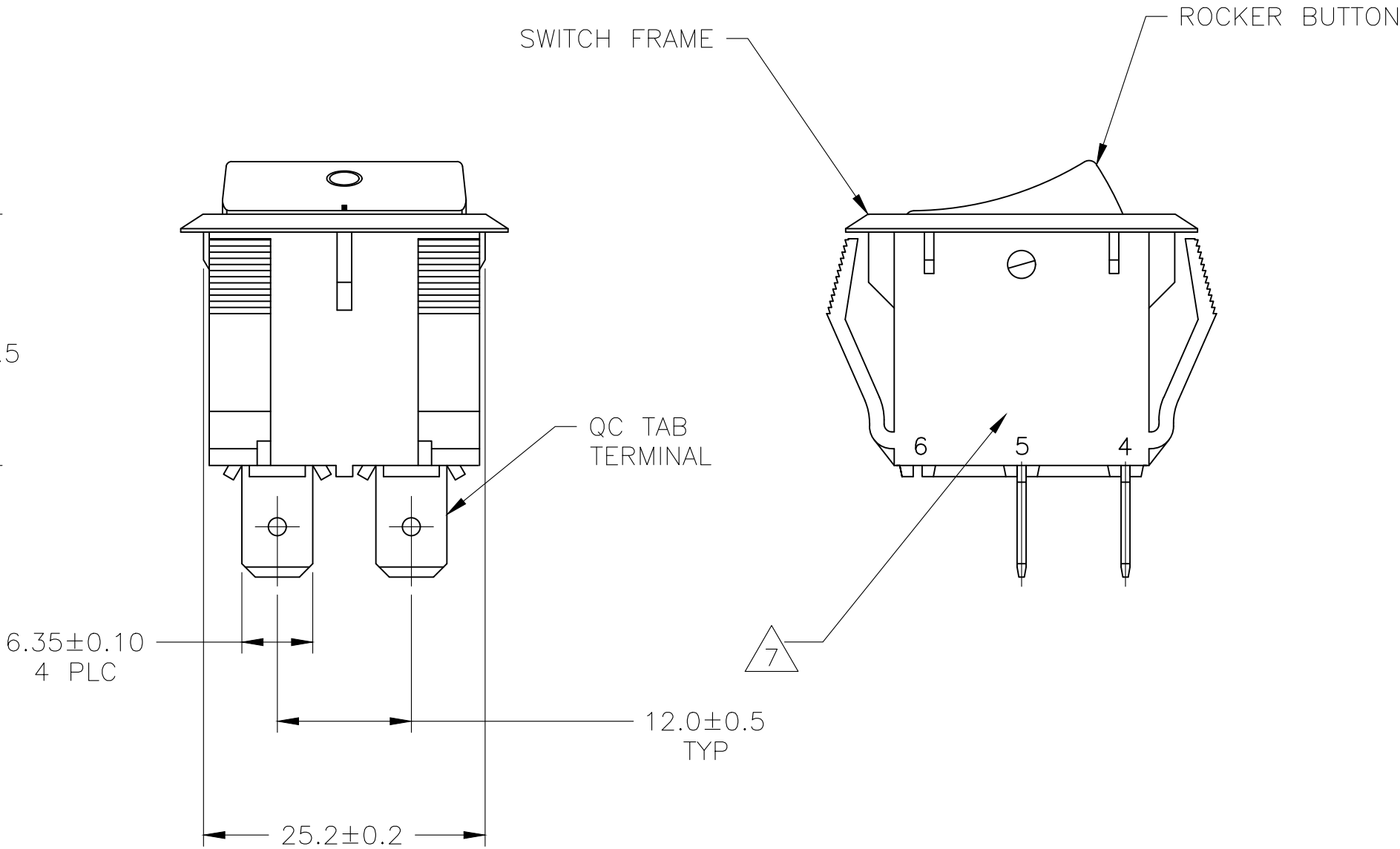
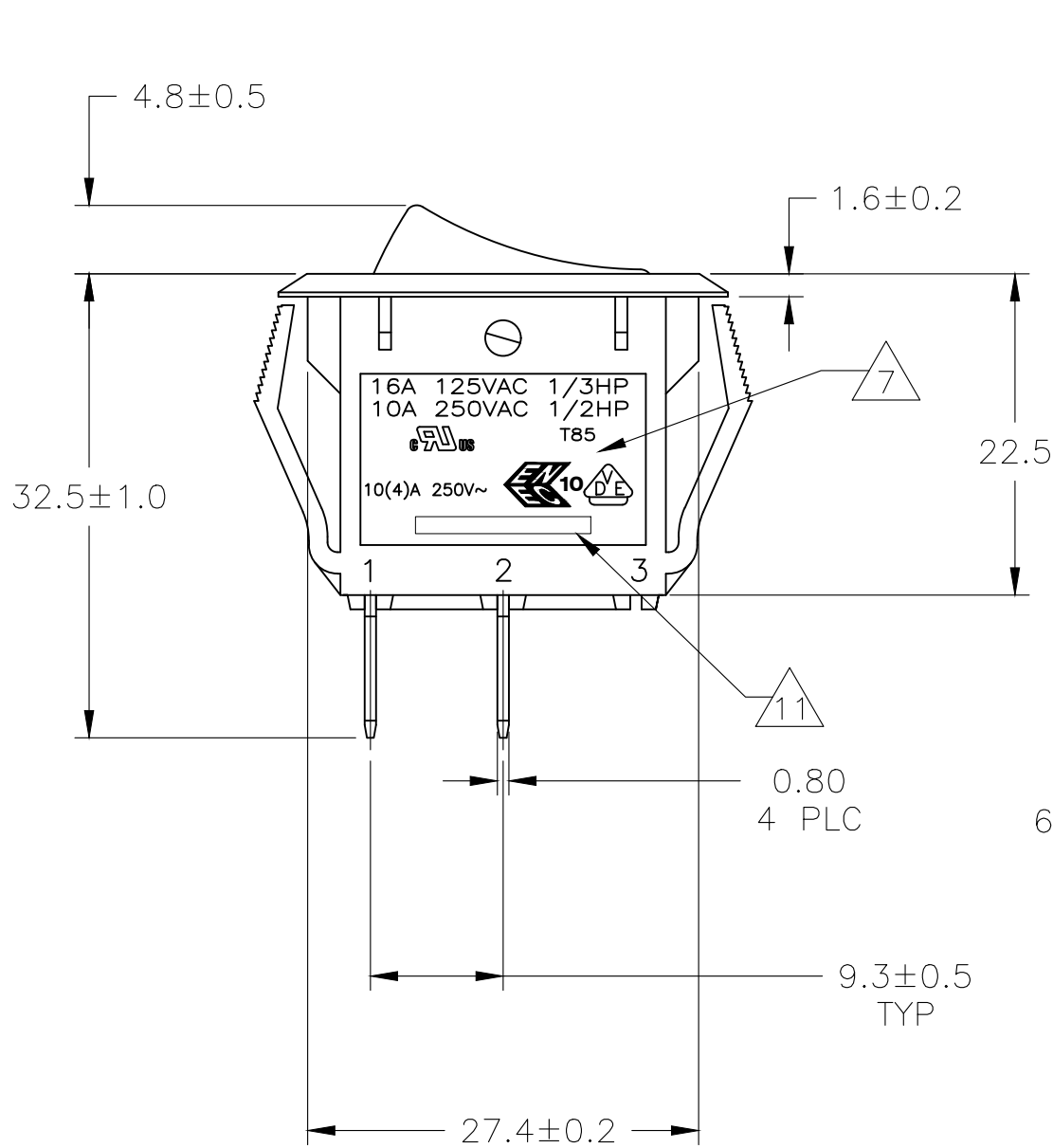
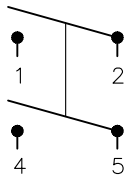
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F1	REVISED PER ECO-10-005254	18MAR10	HMR	NE
	F2	REVISED PER ECO-16-017354	10MAR2017	RK	AS

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 A1
CIRCUIT DIAGRAM



OBSOLETE 1571103=2 SHOWN

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

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT - By - ALL RIGHTS RESERVED.

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: X₁ X₂ = PR - POWER ROCKER

SECONDARY ROCKER COLOR: X₁₂ = Ø - NOT APPLICABLE

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

LEGEND TEXT PATTERN: X₁₃ =

NUMBER OF POLES: X₄ = D - DOUBLE

CURRENT RATING: X₇X₈ = 16 - △6

LEGEND TEXT COLOR: X₁₄ = Ø - NOT APPLICABLE

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

TERMINAL TYPE: X₉ = E - QC TAB

FRAME COLOR: X₁₀ = B - BLACK
W - WHITE

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

Ø

A

B

C

H

•

○ -

○ |

OFF ON

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

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.

8

COMPONENT RECOGNIZED TO US & CANDIAN 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

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 ± -

DWN
BSV
CHK
J.MOSIER
APVD
JP
PRODUCT SPEC
NOT APPLICABLE
APPLICATION SPEC
NOT APPLICABLE
WEIGHT
-

07APR04
-
-
-
-
-
-
-
-
-
-

NAME
POWER ROCKER SWITCH, 25.4mmX27.6mm
PANEL SIZE, DPST 4 TERMINALS, NON-ILLUMINATED

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-1571103

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
2:1

SHEET
2 of 2

REV
F2

OBSOLETE

PRDDA1-16F-BR0HW
PRDDA1-16F-BR000
PRDDA1-16F-BB0HW
PRDDA1-16F-BB0CW

5-1571103-6
5-1571103-4
1571103-5
1571103-3

OBSOLETE

PRDDA1-16F-BB0BW
PRDDA1-16F-BB000

1571103-2
1571103-1

LEGACY
PART NUMBER

PART
NUMBER

TE Connectivity

1471-9 (1/15)

1571103

A

B

C

D

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[PRDDA1-16F-BR000](#)