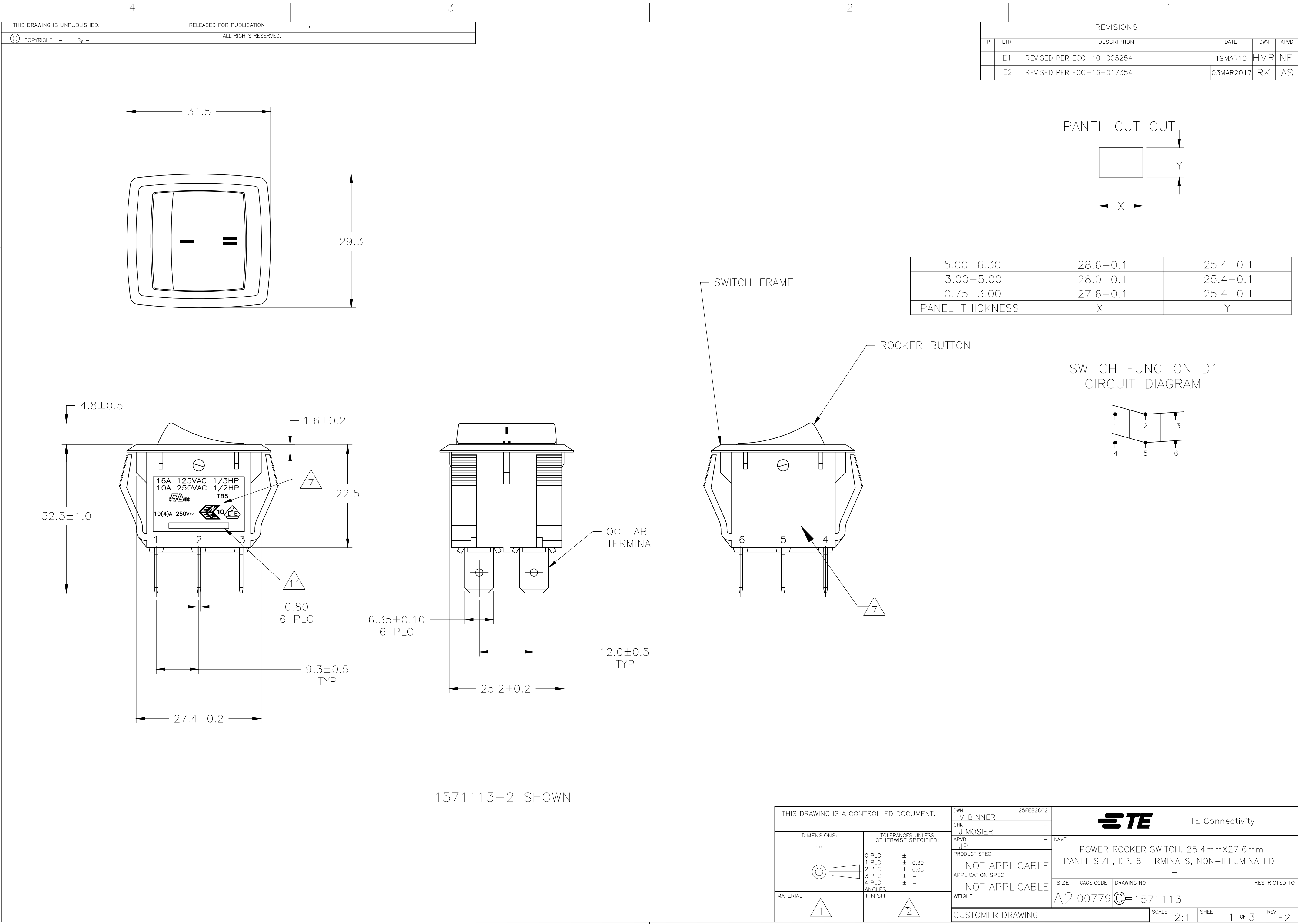






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REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | —   | SEE SHEET 1 | —    | —   | —    |

LEGACY PART NUMBER

X<sub>1</sub>X<sub>2</sub>

X<sub>3</sub>

X<sub>4</sub>

X<sub>5</sub>X<sub>6</sub>

—

X<sub>7</sub>X<sub>8</sub>

X<sub>9</sub>

—

X<sub>10</sub>

X<sub>11</sub>

X<sub>12</sub>

X<sub>13</sub>

X<sub>14</sub>

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

NOMINAL PANEL CUT OUT SIZE: X<sub>3</sub> = D — 25.4x27.6

NUMBER OF POLES: X<sub>4</sub> = D — DOUBLE

SWITCH FUNCTION: X<sub>5</sub>X<sub>6</sub> = D1 — ON—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 — 6

TERMINAL TYPE: X<sub>9</sub> = E — QC TAB

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

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

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

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

Ø

D

E

F

G

- =

I II

- O =

I O II

LEGEND TEXT COLOR: X<sub>14</sub> = 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.

DIMENSIONS:  
mm

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.30

2 PLC ± 0.05

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

DWN  
M BINNER  
CHK  
J.MOSIER  
APVD  
JP

25FEB2002

PRODUCT SPEC  
NOT APPLICABLE

APPLICATION SPEC  
NOT APPLICABLE

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

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

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
1571113

RESTRICTED TO  
—

SCALE  
2:1

SHEET  
3 OF 3

REV  
E2

1471-9 (1/15)

1571113

# Mouser Electronics

Authorized Distributor

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[PRDDD1-16F-BB0EW](#)