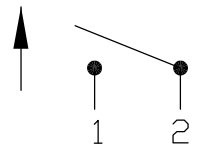


2.00-3.00[.079-.118]	19.8 -0.1 [.780 -.004]	7.0 +0.1 [.276 +.004]
1.25-2.00[.049-.079]	19.4 -0.1 [.764 -.004]	7.0 +0.1 [.276 +.004]
0.75-1.25[.030-.049]	19.2 -0.1 [.756 -.004]	7.0 +0.1 [.276 +.004]
PANEL THICKNESS	X	Y



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER		18JUN2003		 TE Connectivity	
		CHK J.MOSIER		—			
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD —		NAME	
		0 PLC ± —		PRODUCT SPEC		POWER ROCKER SWITCH, 7.0mm X 19.2mm PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW, TWO TERMINALS, NON-ILLUMINATED	
		1 PLC ± 0.30[.012]		NOT APPLICABLE			
		2 PLC ± 0.05[.002]		APPLICATION SPEC		SIZE	
		3 PLC ± —		NOT APPLICABLE		CAGE CODE	
		4 PLC ± —				DRAWING NO	
ANGLES		— ± —		WEIGHT		RESTRICTED TO	
MATERIAL		FINISH		—		A2 00779	
 1		 2		C-1571500		—	
CUSTOMER DRAWING						SCALE 3:1	
						SHEET 1 of 2	
						REV F3	

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

AD00

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 = H - 7.0x19.2 [.276x.756]

NUMBER OF POLES: X₄ = S - SINGLE

SWITCH FUNCTION: X₅X₆ = A1 - ON-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON
A3 - (ON)-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON

CURRENT RATING: X₇X₈ = 08 - 6

TERMINAL TYPE: X₉ = F - 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
B - BLACK
G - GREEN
R - RED
W - WHITE

LEGEND TEXT PATTERN: X₁₃ =

Ø

A

B

C

H

•

o -

o |

OFF ON

LEGEND TEXT COLOR: X₁₄ = Ø - NOT APPLICABLE
R - RED
B - BLACK
W - WHITE

1

MATERIALS:
ROCKER BUTTON, HOUSING FRAME & RETURN SPRING SUPPORT(MOMENTARY ACTION TYPE) : NYLON 66, UL94 V-2.
TERMINALS: COPPER ALLOY PER ASTM B152/B152M.
ACTIVE CONTACTOR: COPPER ALLOY PER ASTM B194.
CONTACT: SILVER-TIN OXIDE.
SPRING: STEEL WIRE PER ASTM A228/A228M

2

FINISH:
TERMINALS, ACTIVE CONTACTOR: 1.0µm [.000039] MIN SILVER

3

ELECTRICAL SPECIFICATIONS:
CURRENT AND 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: 100g MIN, 650g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL STRENGTH >10.0kg- QC TAB

5

ENVIRONMENTAL SPECIFICATIONS:
AMBIENT TEMPERATURE: -25°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: 8A@125VAC / 4A@250VAC
ENEC: 6A@250VAC, µ, 25T85

7

ELECTRICAL RATINGS, AGENCY APPROVAL LOGOS, OFF/ON DESIGNATIONS AND THE TE LOGO PER TEC-202-36 LOCATED APPROXIMATELY AS SHOWN ON THE SIDE OF THE SWITCH HOUSING.

8

COMPONENT RECOGNIZED TO US AND CANADIAN STANDARDS, UL FILE NO. E46765.

9

COMPONENT RECOGNIZED TO EUROPEAN STANDARDS (ENEC & FI). CERTIFICATE No. ENEC2003036.

10

PRELIMINARY PART NUMBER - NOT RELEASED FOR PRODUCTION.

PRHSA1-08F-BB0BW

1571500-5

PRHSA1-08F-BB0HW

1571500-4

PRHSA1-08F-BB0CW

1571500-3

PRHSA3-08F-BB000

1571500-2

PRHSA1-08F-BB000

1571500-1

LEGACY PART NUMBER

TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

M.BINNER

18JUN2003

CHK

J.MOSIER

-

APVD

-

-

DIMENSIONS:

MM

0 PLC ± -

1 PLC ± 0.30[.012]

2 PLC ± 0.05[.002]

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

2

MATERIAL

1

WEIGHT -

CUSTOMER DRAWING

PRODUCT SPEC

NOT APPLICABLE

APPLICATION SPEC

NOT APPLICABLE

WEIGHT

-

CUSTOMER DRAWING

SCALE 3:1

SHEET 2 OF 2

REV E3

NAME

POWER ROCKER SWITCH, 7.0mm X 19.2mm
PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW,
TWO TERMINALS, NON-ILLUMINATED

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1571500

RESTRICTED TO

-

TE Connectivity

1571500

1471-9 (3/11)

1571500

Authorized Distribution Brand :



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