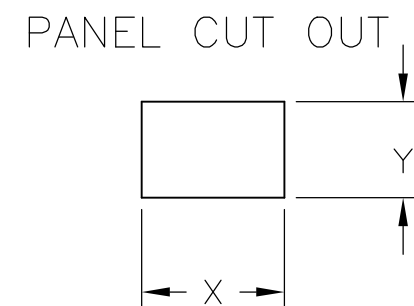
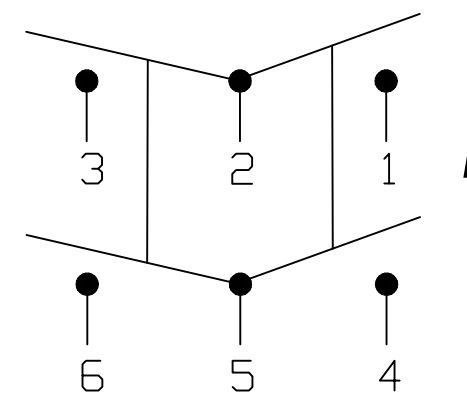
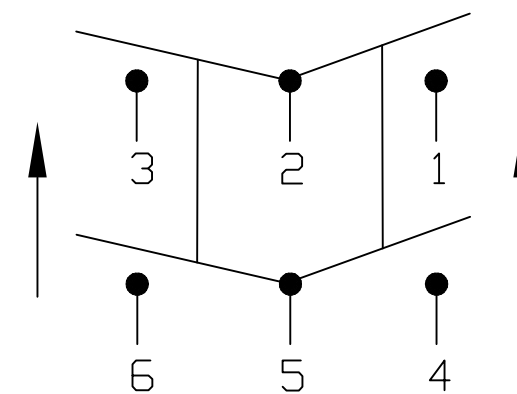
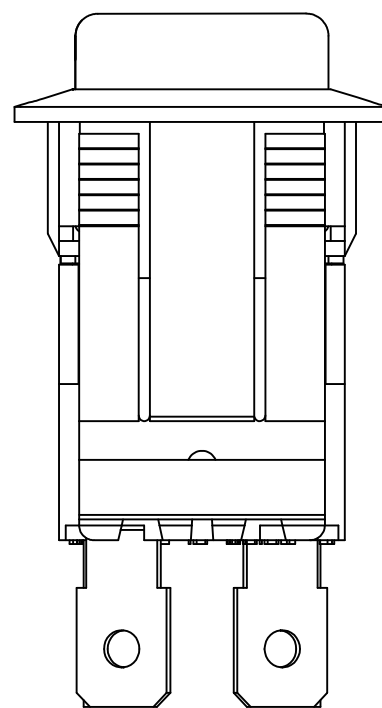


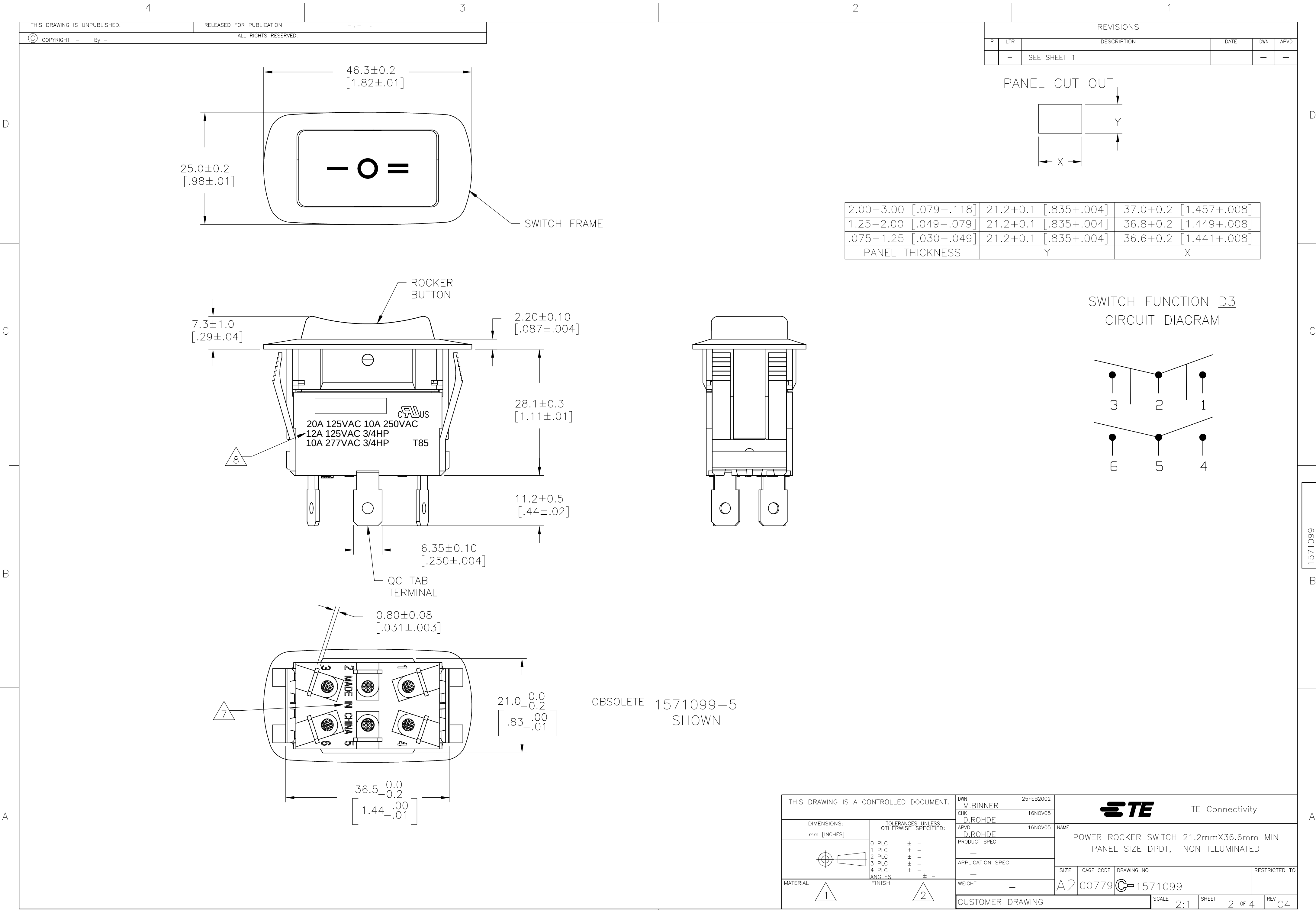


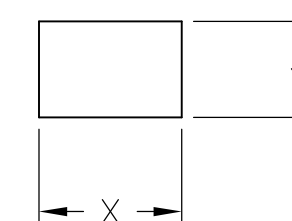
2.00-3.00 [.079-.118]	21.2+0.1 [.835+.004]	37.0+0.2 [1.457+.008]
1.25-2.00 [.049-.079]	21.2+0.1 [.835+.004]	36.8+0.2 [1.449+.008]
.075-1.25 [.030-.049]	21.2+0.1 [.835+.004]	36.6+0.2 [1.441+.008]
PANEL THICKNESS	Y	X



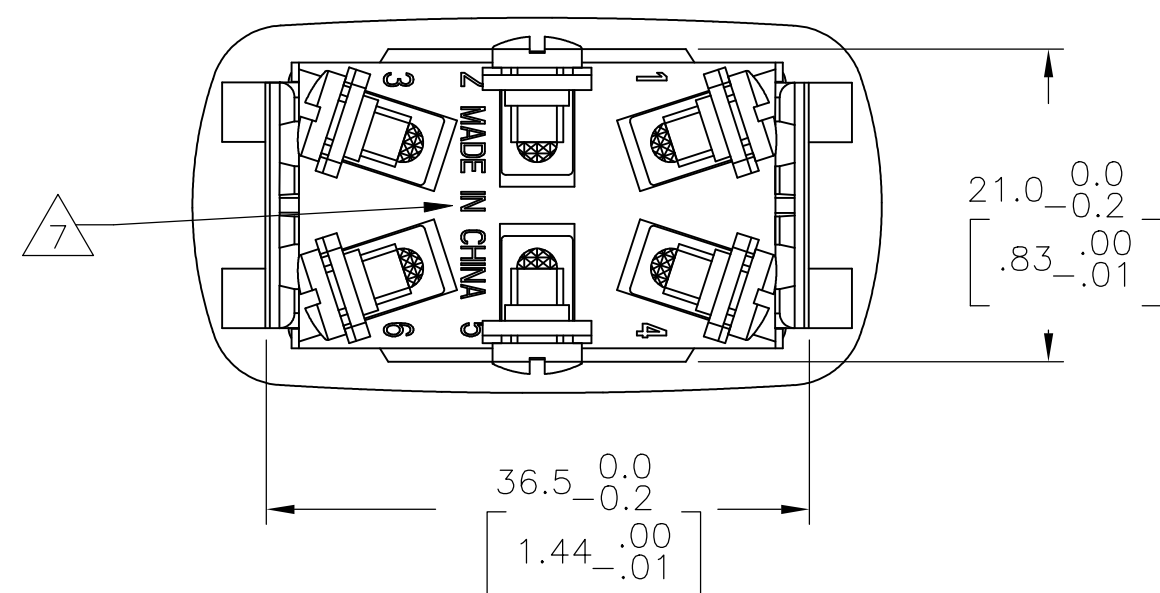
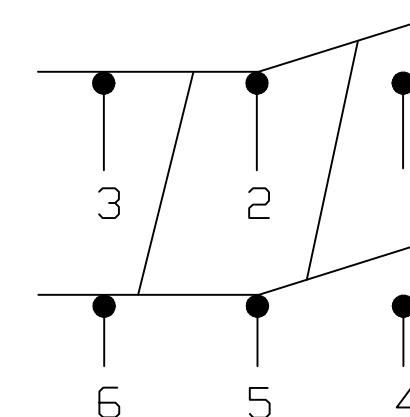
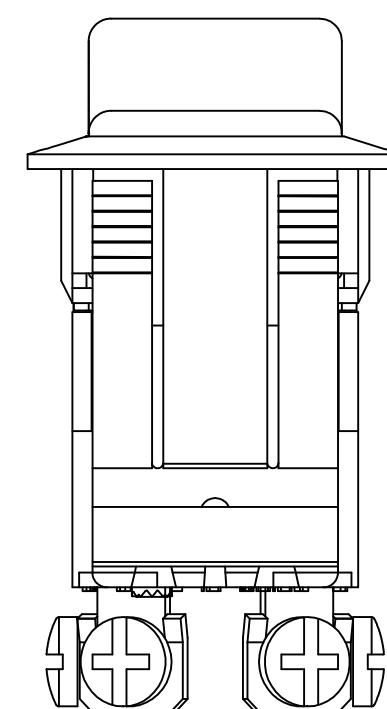
OBSOLETE ~~1571099=7~~
SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER		25FEB2002		 TE Connectivity	
		CHK D.ROHDE		16NOV05			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.ROHDE		NAME	
		0 PLC ± —		PRODUCT SPEC		POWER ROCKER SWITCH 21.2mmX36.6mm MIN	
		1 PLC ± —		—		PANEL SIZE DPDT, NON-ILLUMINATED	
		2 PLC ± —		APPLICATION SPEC		—	
		3 PLC ± —		—		SIZE	
		4 PLC ± —		—		CAGE CODE	
MATERIAL		FINISH		WEIGHT		DRAWING NO	
				A2		00779	
				C=1571099		RESTRICTED TO	
						—	
CUSTOMER DRAWING						SCALE 2:1	
						SHEET 1 of 4	
						REV C4	





2.00–3.00 [.079–.118]	21.2+0.1 [.835+.004]	37.0+0.2 [1.457+.008]
1.25–2.00 [.049–.079]	21.2+0.1 [.835+.004]	36.8+0.2 [1.449+.008]
.075–1.25 [.030–.049]	21.2+0.1 [.835+.004]	36.6+0.2 [1.441+.008]
PANEL THICKNESS	Y	X



OBSOLETE ~~1-1571099-0~~
SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN M.BINNER 25FEB2002		 TE Connectivity					
			CHK D.ROHDE 16NOV05							
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.ROHDE 16NOV05	NAME POWER ROCKER SWITCH 21.2mmX36.6mm MIN PANEL SIZE DPDT, NON-ILLUMINATED					
		0 PLC ± -		PRODUCT SPEC						
		1 PLC ± -		—						
		2 PLC ± -		—						
3 PLC ± -		4 PLC ± -		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO					
ANGLES ± -		—		—						
FINISH				—						
MATERIAL 				WEIGHT —	A2	00779	C=1571099	—		
CUSTOMER DRAWING					SCALE	2:1	SHEET	3 OF 4	REV	C

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	—	—	—

1

MATERIALS:
ROCKER BUTTON, FRAME & HOUSING: NYLON 66, UL 94 V-2.
PLUNGER: PHENOLIC
SEAL: SILICONE RUBBER
SCREW TERMINAL, ACTIVE CONTACTOR, CONTACTOR SUPPORT: COPPER ALLOY PER ASTM B152
QC & SOLDER TERMINAL: COPPER ALLOY PER ASTM B036
SPRING: STEEL WIRE
CONTACTS: SILVER-TIN OXIDE

2

FINISH:
CONTACTOR SUPPORT, ACTIVE CONTACTOR: 1.01µm [.000040] MIN SILVER
QC TERMINAL: 1.27µm [.000050] MIN NICKEL
SOLDER TERMINAL: 1.27µm [.000050] MIN TIN

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)
ELECTRICAL LIFE ENDURANCE: >6000 OPERATIONS, VOLTAGE DROP: <100mV
TEMPERATURE RISE AT TERMINALS: <30°C, 6000 OPERATIONS
(AMBIENT CONDITIONS: 25±2°C AND 65±5%R.H)

4

MECHANICAL SPECIFICATIONS:
ACTUATING FORCE: 1100g MIN, 3000g MAX
OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
TERMINAL RETENTION FORCE: >9kg- SOLDER LUG
>9kg- QC TAB
>6.8kg- #6-32 SCREW

5

ENVIRONMENTAL SPECIFICATIONS:
AMBIENT TEMPERATURE: -20°C TO +85°C
DEGREE OF PROTECTION: IP 66

6

20A 125VAC, 10A 250VAC/12A 125VAC, 3/4HP/ 10A 277VAC, 3/4HP

7

COUNTRY OF ORIGIN AND TERMINAL IDENTIFICATION NUMBERS
MOLDED APPROXIMATELY AS SHOWN ON THE SWITCH HOUSING.

8

ELECTRICAL RATINGS, APPROVED AGENCY LOGOS AND THE TYCO ELECTRONICS LOGO INK MARKED APPROXIMATELY AS SHOWN ON THE SWITCH HOUSING.

9

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

10

ROHS 2002/95/EC COMPLIANT

LEGACY PART NUMBER

X₁X₂

X₃

X₄

X₅X₆

X₇X₈

X₉

X₁₀

X₁₁

X₁₂

X₁₃

X₁₄

SWITCH TYPE: X₁X₂ = PR - POWER ROCKER

SECONDARY ROCKER COLOR: X₁₂ = ∅ - NOT APPLICABLE

PANEL CUT OUT SIZE: X₃ = C - 21.2x36.6 MIN
[.835x1.441]

NUMBER OF POLES: X₄ = D - DOUBLE

SWITCH FUNCTION: X₅X₆ =
D1-ON-NONE-ON, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.
D3-ON-OFF-ON, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.
D4-ON-OFF-(ON), WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.
D5-(ON)-OFF-(ON), WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON.

LEGEND TEXT PATTERN: X₁₃ =

∅

D = I || E - O = I O ||

LEGEND TEXT COLOR: X₁₄ = ∅ - NOT APPLICABLE
G - GREEN
R - RED
B - BLACK
W - WHITE

CURRENT RATING: X₇X₈ = 20 -

6

TERMINAL TYPE: X₉ = E - QC TAB
L - SOLDER LUG
S - #6-32 UNC SCREW

FRAME COLOR: X₁₀ = B - BLACK
W - WHITE

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

OBSOLETE	1	PRCDD5-20F-BB000	1-1571099-3
	3	PRCDD1-20S-BB0EW	1-1571099-2
	3	PRCDD1-20S-BB0DW	1-1571099-1
	3	PRCDD1-20S-BB000	1-1571099-0
	1	PRCDD4-20F-BB0GW	1571099-9
	1	PRCDD4-20F-BB0FW	1571099-8
	1	PRCDD4-20F-BB000	1571099-7
	2	PRCDD3-20F-BB0GW	1571099-6
	2	PRCDD3-20F-BB0FW	1571099-5
	2	PRCDD3-20F-BB000	1571099-4
	2	PRCDD1-20F-BB0EW	1571099-3
	2	PRCDD1-20F-BB0DW	1571099-2
OBSOLETE	2	PRCDD1-20F-BB000	1571099-1
	SHEET REF	ALCOSWITCH PART NUMBER	TYCO PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 25FEB2002	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK D.ROHDE 16NOV05		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.ROHDE 16NOV05	
	0 PLC ± -		NAME	
	1 PLC ± -		POWER ROCKER SWITCH 21.2mmX36.6mm MIN	
	2 PLC ± -		PANEL SIZE DPDT, NON-ILLUMINATED	
3 PLC ± -		PRODUCT SPEC		
4 PLC ± -		APPLICATION SPEC		
5 PLC ± -		—		
6 PLC ± -		WEIGHT		
7 ANGLE ± -		—		
8 FINISH		—		
MATERIAL		—		
1		—		
2		—		

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C=1571099	—
SCALE		SHEET	REV
2:1		4 OF 4	C4

1471-9 (1/15)

1571099

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[PRCDD1-20F-BB0EW](#)