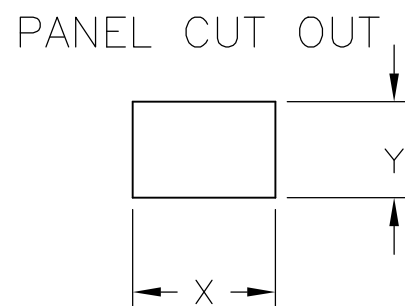
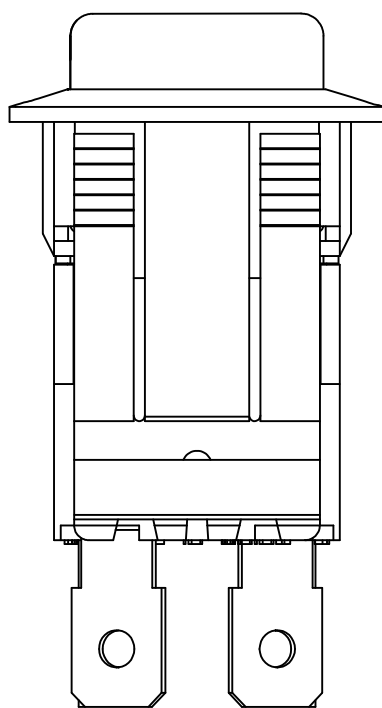
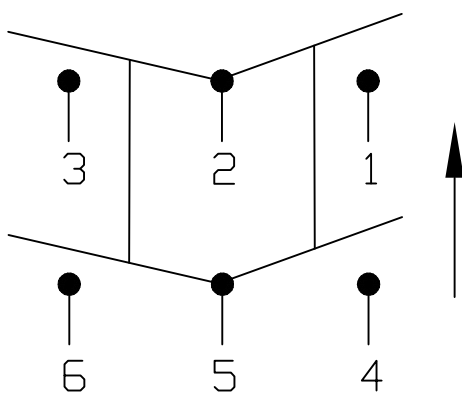
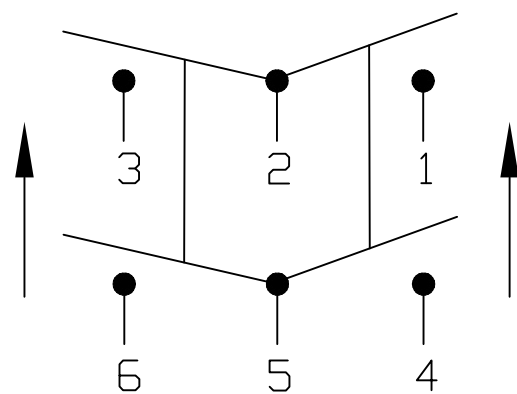
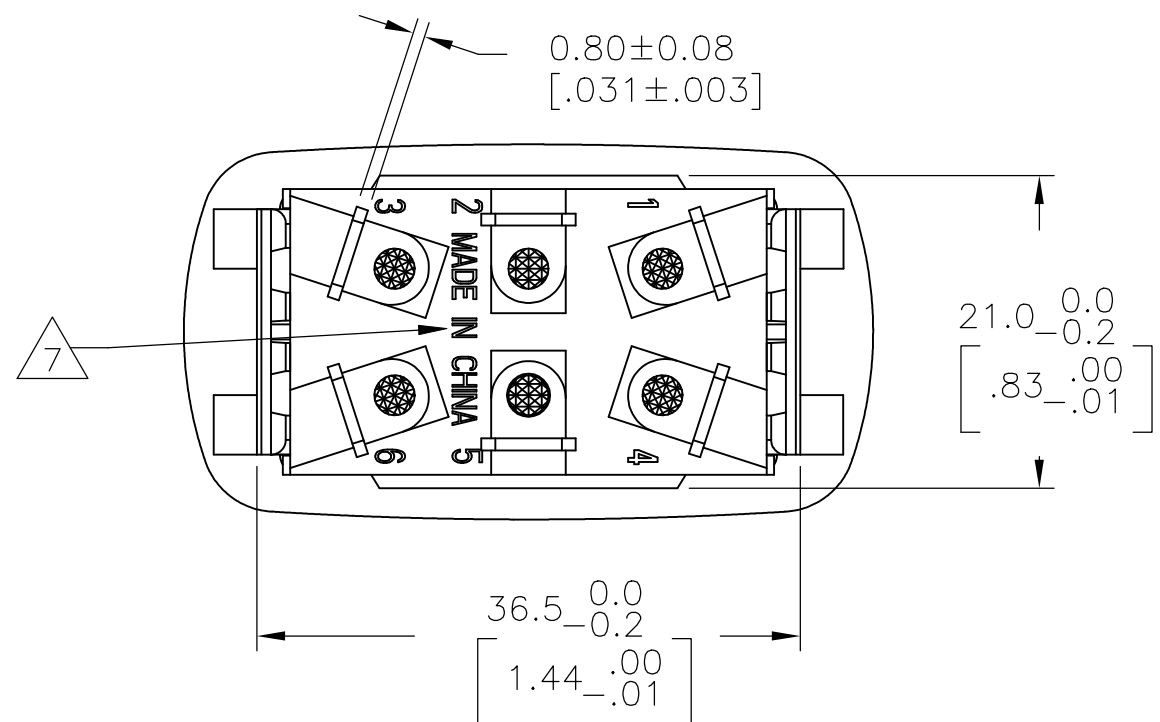




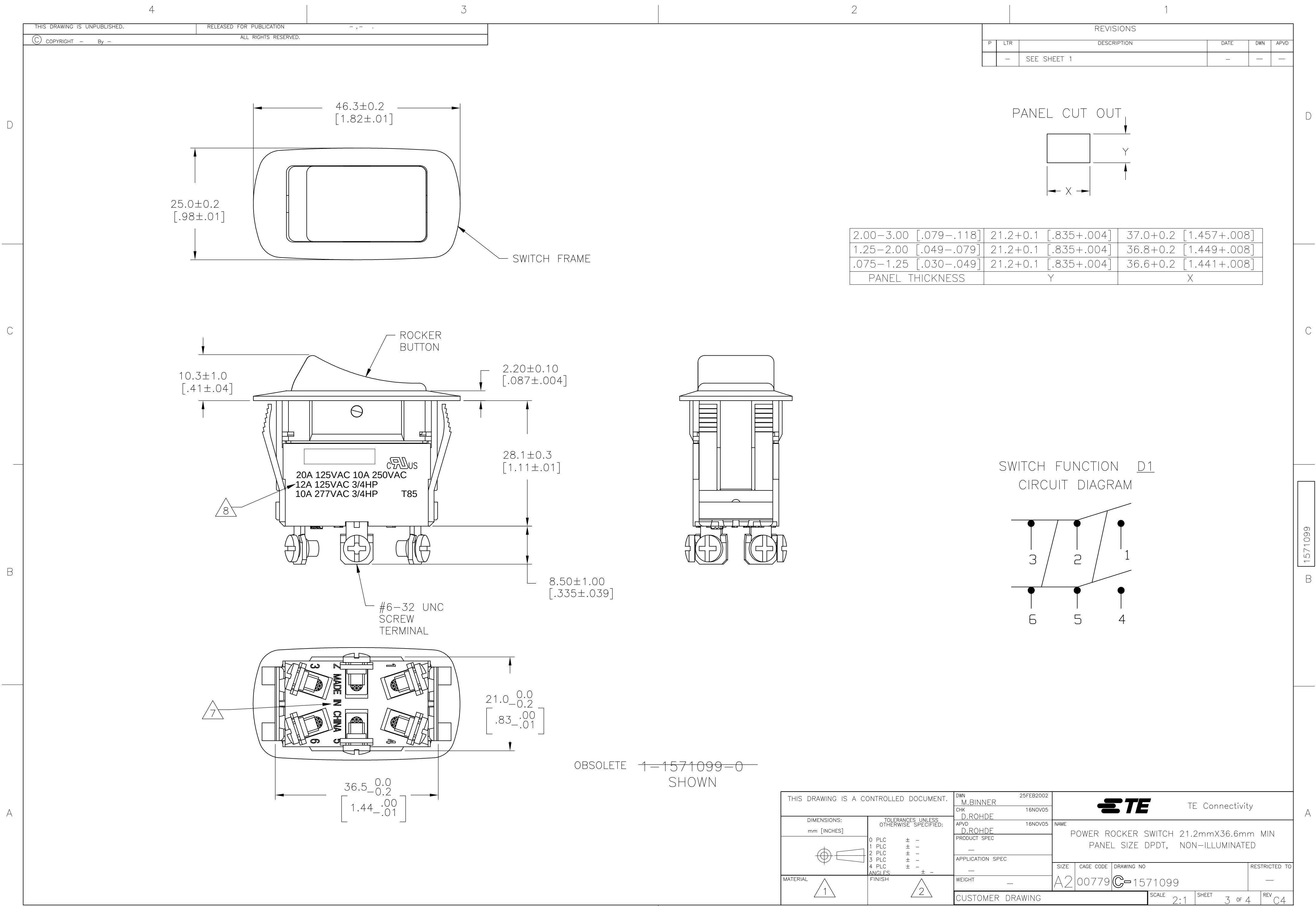
2.00-3.00 [.079-.118]	21.2+0.1 [.835+.004]	37.0+0.2 [1.457+.008]
1.25-2.00 [.049-.079]	21.2+0.1 [.835+.004]	36.8+0.2 [1.449+.008]
.075-1.25 [.030-.049]	21.2+0.1 [.835+.004]	36.6+0.2 [1.441+.008]
PANEL THICKNESS	Y	X



OBSOLETE ~~1571099=7~~
SHOWN



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



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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

X1X2X3X4X5X6

X7X8X9

X10X11X12X13X14

SWITCH TYPE: X1X2 = PR - POWER ROCKER

SECONDARY ROCKER COLOR: X12 = ∅ - NOT APPLICABLE

LEGEND TEXT PATTERN: X13 =

∅

D=IEGO

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

CURRENT RATING: X7X8 = 20 - 6

TERMINAL TYPE: X9 = F - 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 25FEB2002 CHK M.BINNER D.ROHDE 16NOV05		TE Connectivity	
DIMENSIONS: mm [INCHES]		APVD 16NOV05 D.ROHDE			
		PRODUCT SPEC		NAME	
		APPLICATION SPEC		SIZE	
		WEIGHT		CAGE CODE	
		CUSTOMER DRAWING		SCALE	

MATERIAL 1		FINISH 2		DRAWING NO		RESTRICTED TO	
				A200779C=1571099		—	
				2:1		4 OF 4	
				REV		C4	

1471-9 (1/15)

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[PRCDD1-20F-BB000](#) [PRCDD1-20S-BB0DW](#)