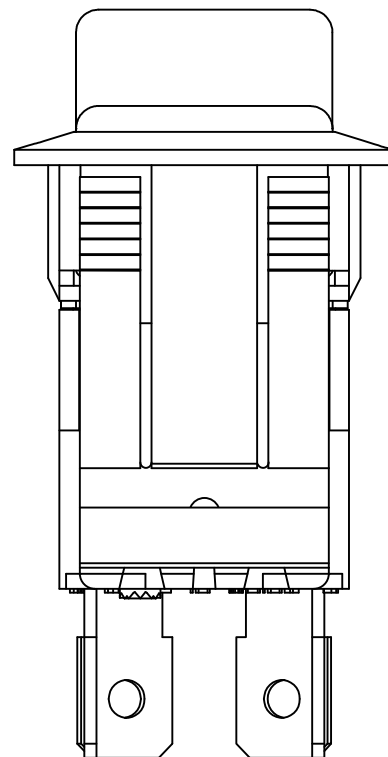
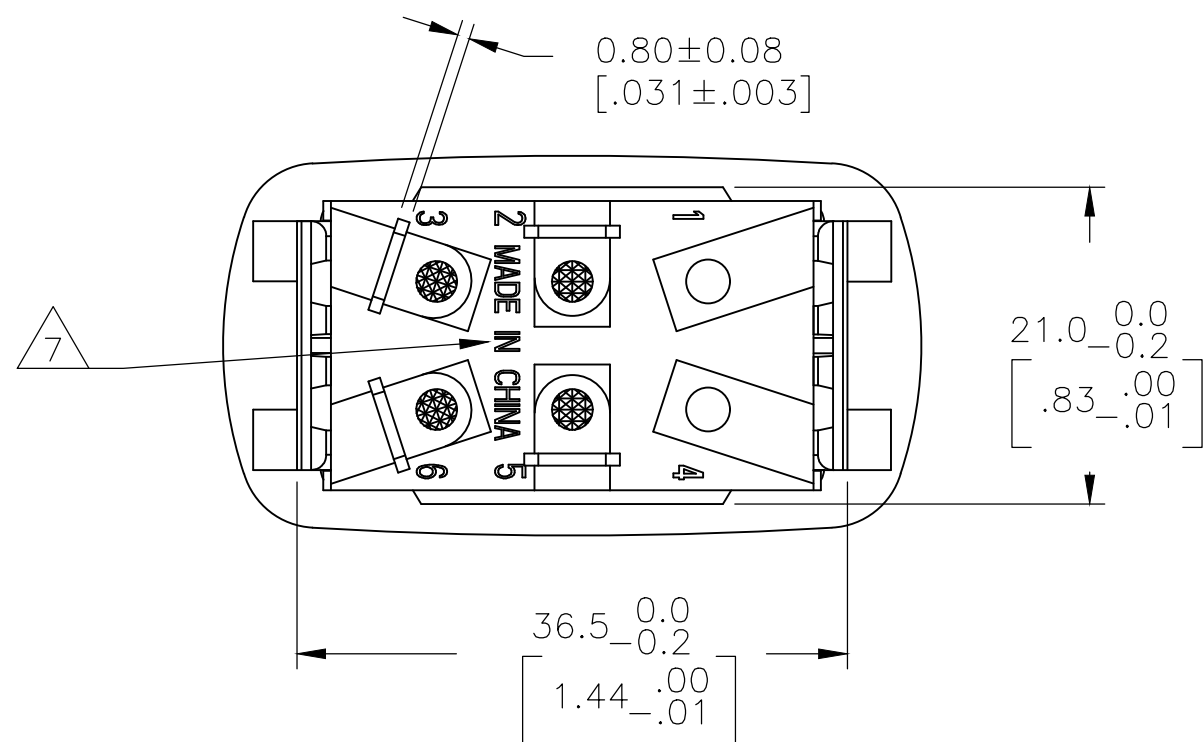
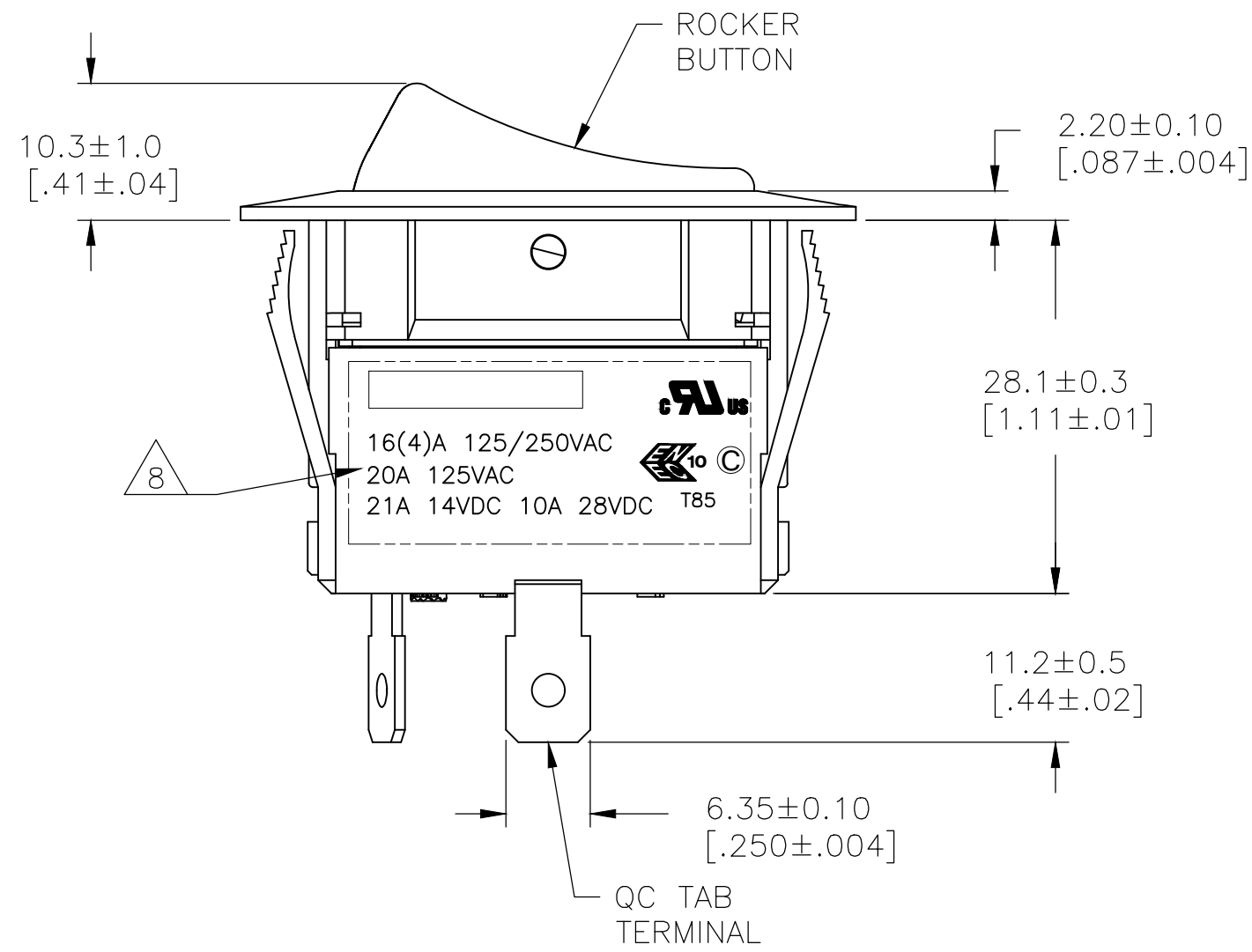
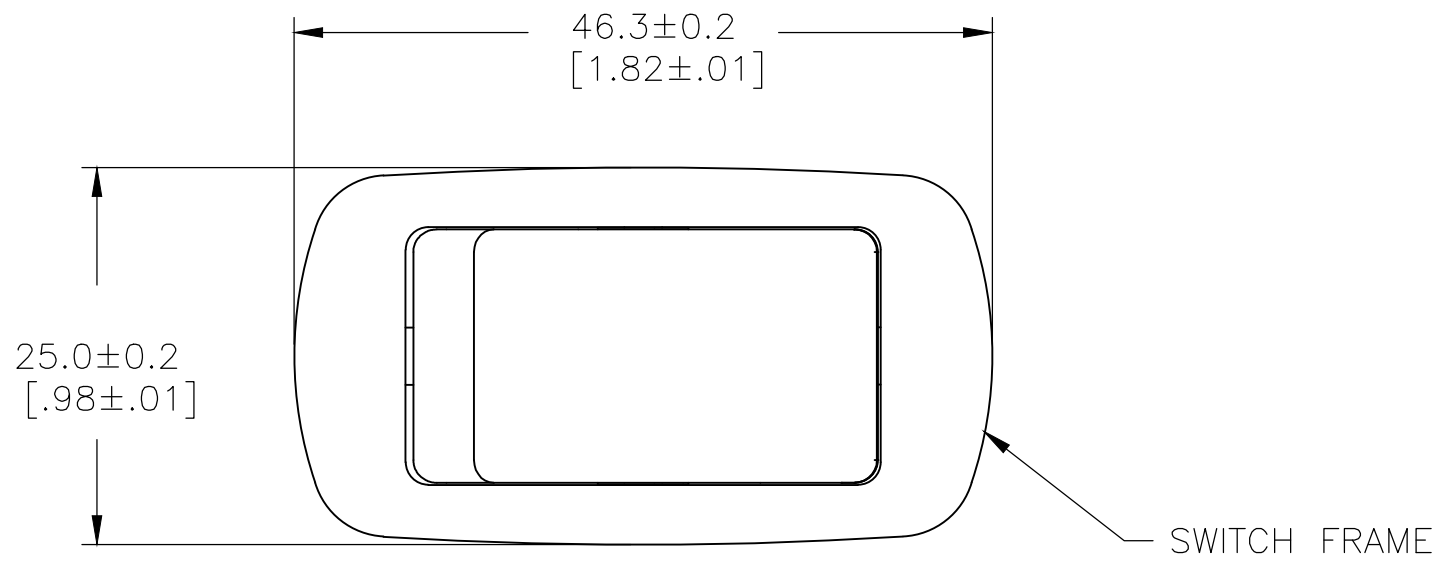
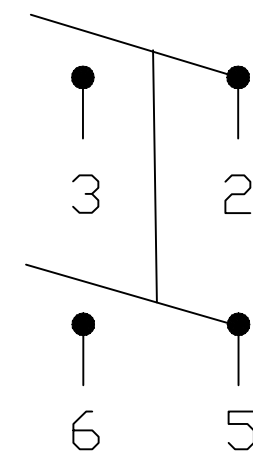




OBSOLETE 1571102-1
SHOWN

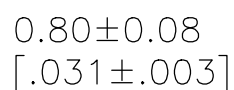
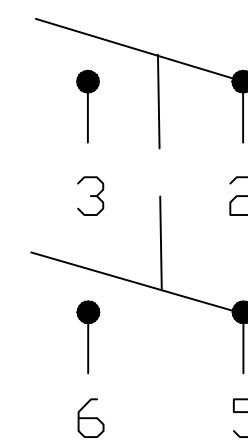
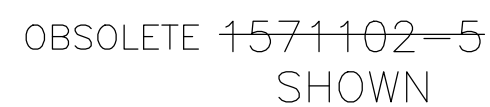
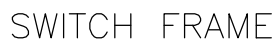
SWITCH FUNCTION A1
CIRCUIT DIAGRAM

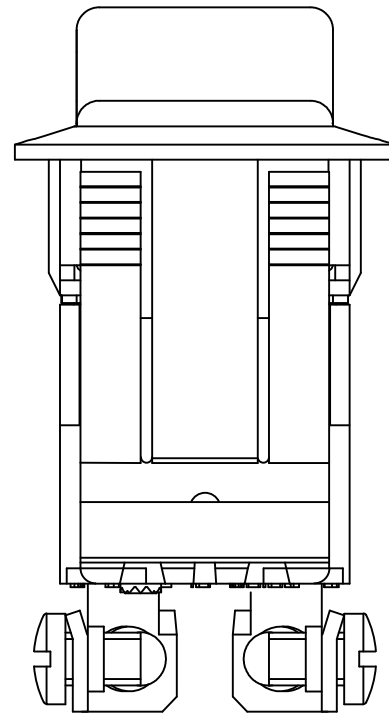
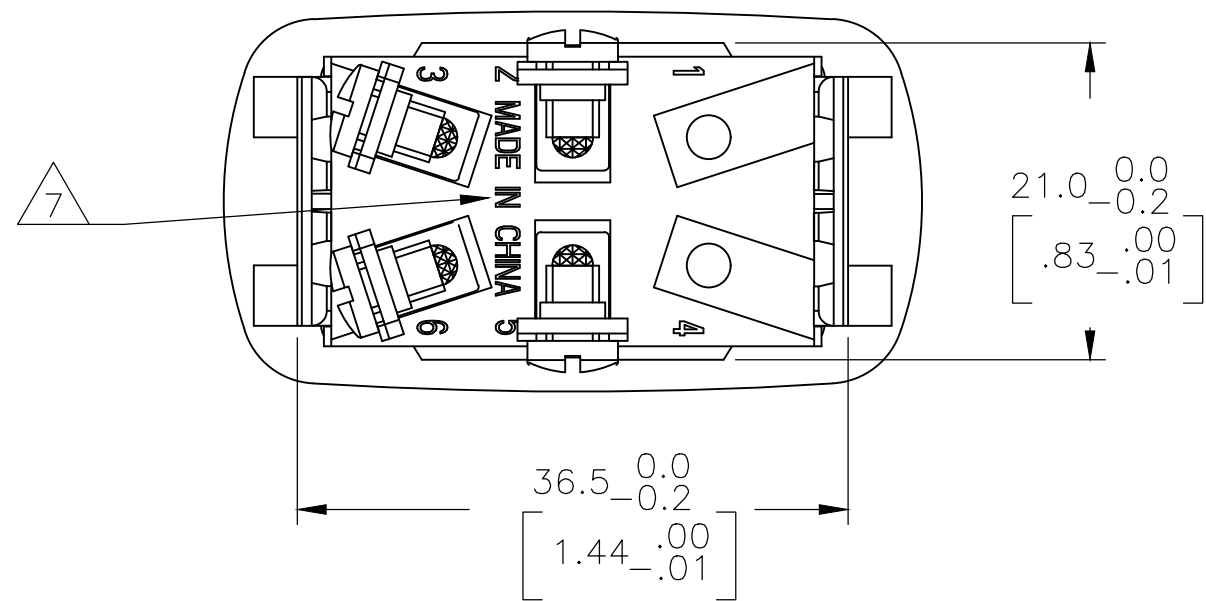
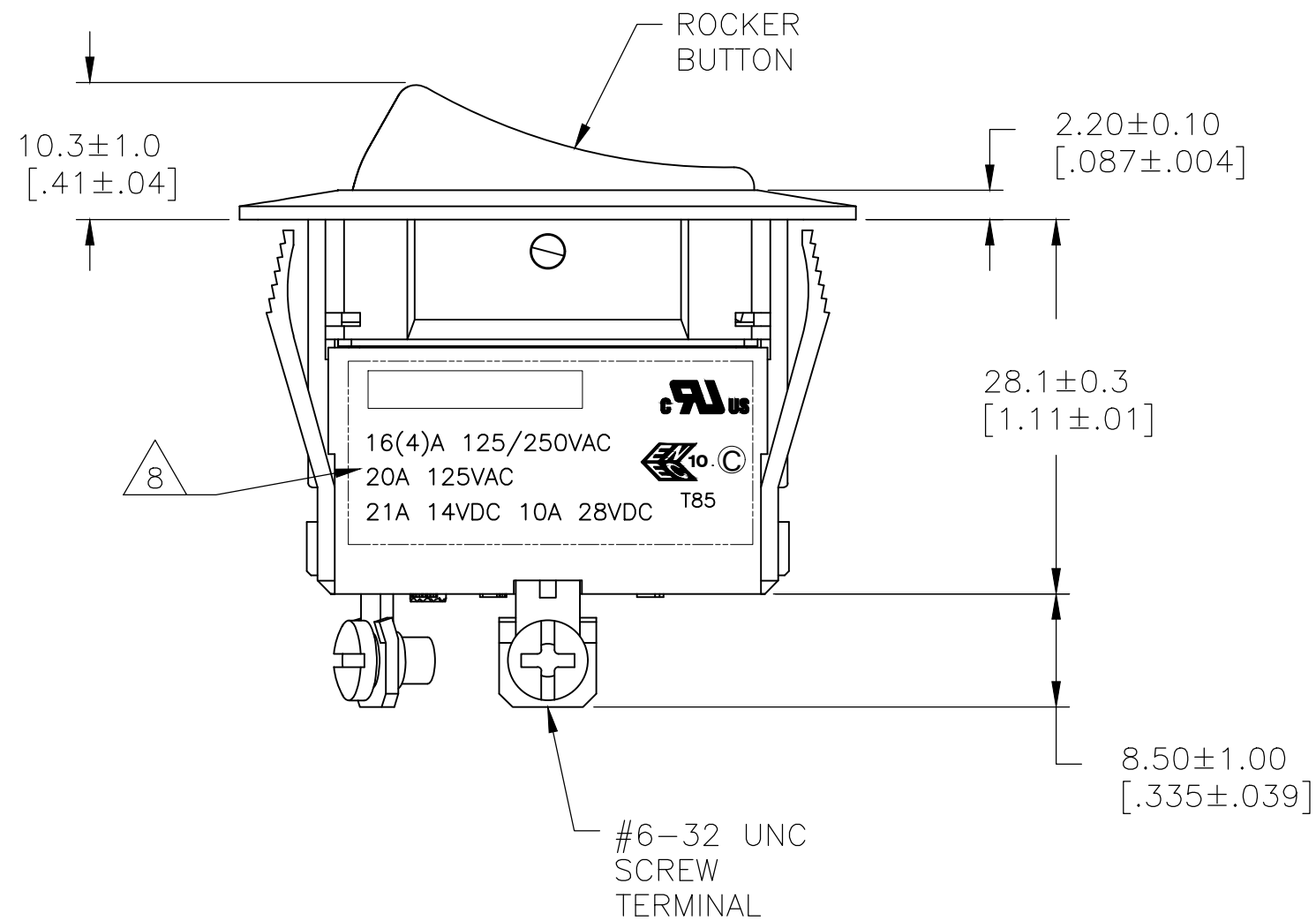
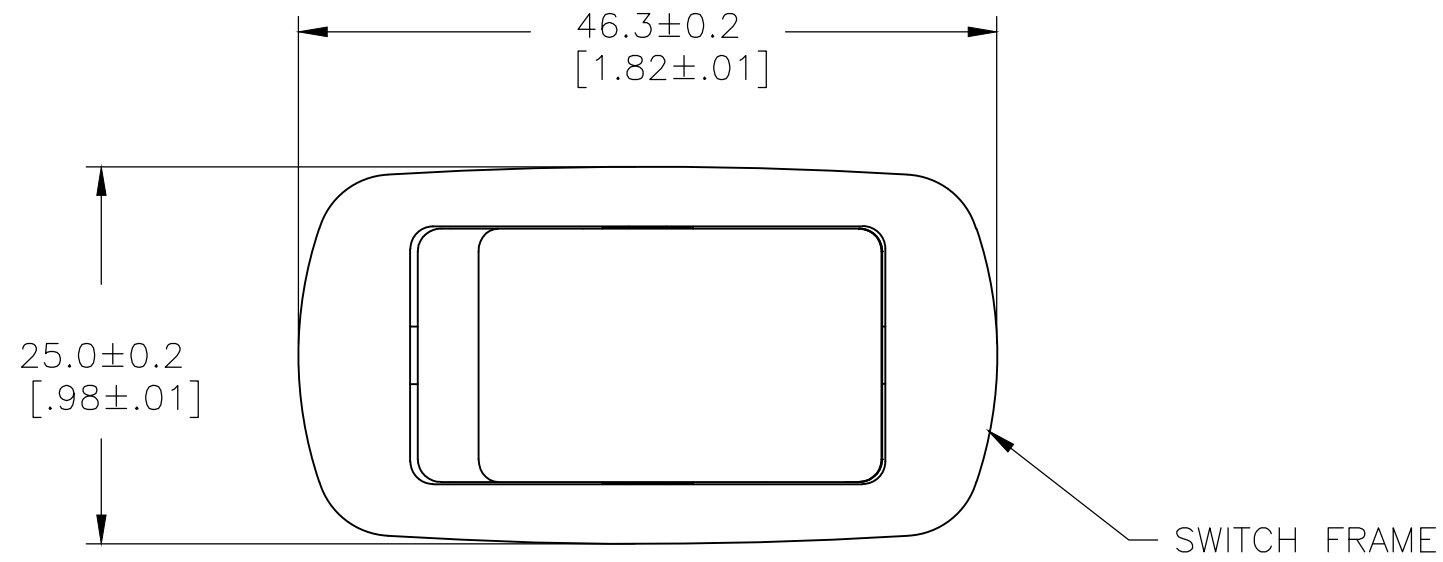


E	REVISED PER ECO-18-017612	28NOV2018	RSM	PO
D1	REVISED PER ECO-16-017354	09MAR2017	RK	AS
D	REVISED PER ECO-14-016691	05NOV2014	NK	RH
P	LTR	REVISION RECORD	DATE	DWN

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -	1 PLC ± -
2 PLC ± -	3 PLC ± -
4 PLC ± -	
ANGLES ±	-
SURFACE TEXTURE	✓

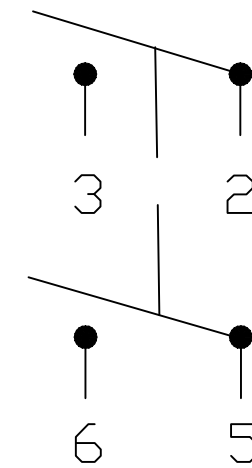
DWN M.BINNER	25FEB2002	MATERIAL 16NOV05	HEAT TREAT -
CHK D.ROHDE	16NOV05	NAME POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN PANEL SIZE DPST, NON-ILLUMINATED	
APVD D.ROHDE	16NOV05	SCALE 2:1	SIZE A2
		DRAWING NO 1571102	SHEET 1 OF 4
			REV E

7



OBSOLETE 1571102-9
SHOWN

SWITCH FUNCTION A1
CIRCUIT DIAGRAM



P	LTR	REVISION RECORD			DATE	DWN	APVD		

DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC	± -
		1 PLC	± -
		2 PLC	± -
		3 PLC	± -
		4 PLC	± -
ANGLES ±		-	
SURFACE TEXTURE			

DWN M.BINNER	25FEB2002	MATERIAL 1 2	HEAT TREAT -
CHK D.ROHDE	16NOV05	TE TE Connectivity	
APVD D.ROHDE	16NOV05		
NAME POWER ROCKER SWITCH, 21.2mm X 36.6mm MIN PANEL SIZE DPST, NON-ILLUMINATED			
SCALE 2:1	SIZE A2	DRAWING NO 1571102	SHEET 3 OF 4
			REV E

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

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

CURRENT AND VOLTAGE: 
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)

[illegible]

AMBIENT TEMPERATURE: -20°C TO +85°C
DEGREE OF PROTECTION: IP66

16(4)A 125/250VAC, 20A 125VAC, 21A 14VDC 10A 28VDC

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

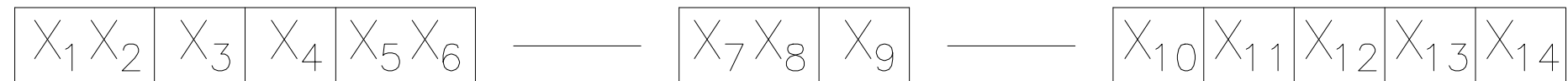
ELECTRICAL RATINGS, APPROVED AGENCY LOGOS AND THE TE CONNECTIVITY LOGO 'PER TEC-202-36' LASER MARKED APPROXIMATELY AS SHOWN ON THE SWITCH HOUSING.

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

10 APPROVED SUPPLIER: SHIN CHIN INDUSTRIAL CO., LTD. (SCI)
SUPPLIER NO. 16079

11. PARTS TO BE ROHS 2002/95/EC COMPLIANT.

ALCOSWITCH PART NUMBER



SWITCH TYPE: $X_1 X_2 = \underline{\text{PR}}$ - POWER ROCKER

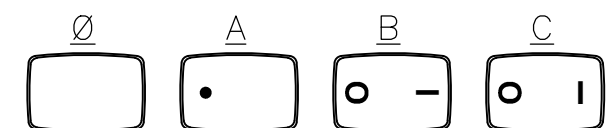
SECONDARY ROCKER COLOR: X12 = Ø - NOT APPLICABLE

PANEL CUT OUT SIZE: $X_3 = \underline{C} - 21.2 \times 36.6 \text{ MIN}$
 $[\text{.835} \times \text{1.441}]$

NUMBER OF POLES: $X_4 = \underline{D}$ - DOUBLE

SWITCH FUNCTION: $X_5X_6 =$
A1-ON-OFF, WITH OPAQUE, SINGLE-COLOR
 ROCKER BUTTON.

LEGEND TEXT PATTERN: $X_{13} =$



CURRENT RATING: $X_7 X_8 = \underline{20} - \triangle 6$

TERMINAL TYPE: X₉ = $\begin{array}{l} \underline{\text{F}} - \text{QC TAB} \\ \underline{\text{L}} - \text{SOLDER LUG} \\ \text{S} - \text{\#6-32 UNC SCREW} \end{array}$

FRAME COLOR: X10 = B - BLACK
 W - WHITE

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

ROCKER COLOR: $X_{11} = \begin{matrix} \underline{B} & - & \text{BLACK} \\ \underline{G} & - & \text{GREEN} \\ \underline{R} & - & \text{RED} \\ \underline{W} & - & \text{WHITE} \\ \underline{Y} & - & \text{YELLOW} \end{matrix}$

OBSOLETE	3	R13-260F1-08-BBNN-3NND	PRCDA1-20S-BB0CW	1-1571102-1
	3	R13-260F1-08-BBNN-3NNC	PRCDA1-20S-BB0BW	1-1571102-0
	3	R13-260F1-08-BBNN-3NNA	PRCDA1-20S-BB000	1571102-9
	2	R13-260F1-05-BRNN-3NNA	PRCDA1-20L-BR000	1571102-8
	1	R13-260F1-01-BRNN-3NNA	PRCDA1-20F-BR000	1571102-7
	2	R13-260F1-05-BBNN-3NND	PRCDA1-20L-BB0CW	1571102-6
	2	R13-260F1-05-BBNN-3NNC	PRCDA1-20L-BB0BW	1571102-5
	2	R13-260F1-05-BBNN-3NNA	PRCDA1-20L-BB000	1571102-4
OBSOLETE	1	R13-260F1-01-BBNN-3NND	PRCDA1-20F-BB0CW	1571102-3
	1	R13-260F1-01-BBNN-3NNC	PRCDA1-20F-BB0BW	1571102-2
OBSOLETE	1	R13-260F1-01-BBNN-3NNA	PRCDA1-20F-BB000	1571102-1
	SHEET REF	SCI PART NUMBER	ALCOSWITCH PART NUMBER	TE PART NUMBER

[illegible]

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[PRCDA1-20F-BB0CW](#)