

4

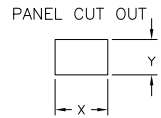
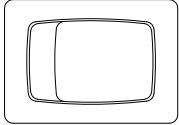
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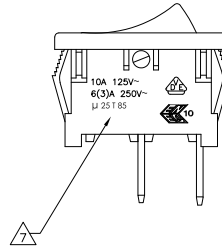
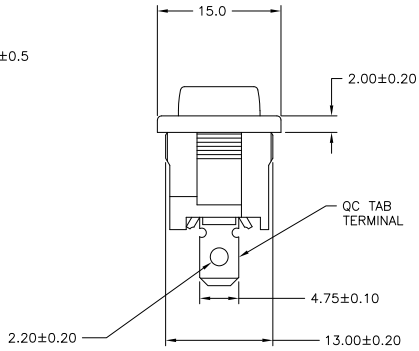
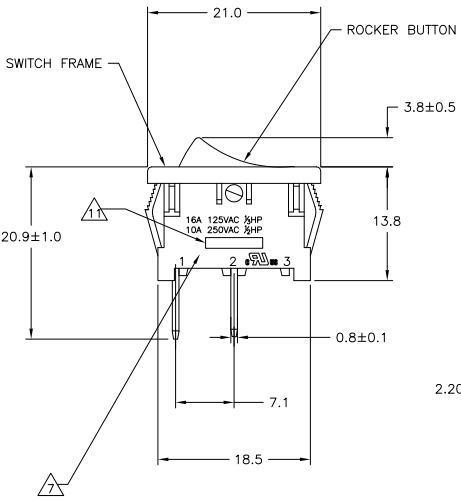
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LOC	DIST	REVISIONS		
F	LNK	DESCRIPTION	DATE	BY
AD	00			
	J4	REVISED PER ECO-11-004587	11MAR11	RK HMR



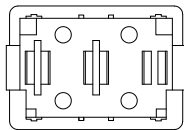
2.00-3.00	19.8-0.1	13.0+0.1
1.25-2.00	19.4-0.1	13.0+0.1
0.75-1.25	19.2-0.1	13.0+0.1
PANEL THICKNESS	X	Y



SWITCH FUNCTION A1
CIRCUIT DIAGRAM



SWITCH FUNCTION A3
CIRCUIT DIAGRAM



1571076-9 SHOWN

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:		FINISH:	
MM		0. PLG	±	0. PLG	±	0. PLG	±
		1. PLG	± 0.30	1. PLG	± 0.30	1. PLG	± 0.30
		2. PLG	± 0.05	2. PLG	± 0.05	2. PLG	± 0.05
		3. PLG	±	3. PLG	±	3. PLG	±
		4. PLG	±	4. PLG	±	4. PLG	±
		ANGLES	±	ANGLES	±	ANGLES	±

THIS DRAWING IS A CONTROLLED DOCUMENT.		DW		25FEB2002	
DESIGNER	M. BISHNER	CHK		DATE	
APP'D	J. MOSIER	DATE		REV	
PRODUCT SPEC		NAME	POWER ROCKER SWITCH, 13.0mm X 19.2mm		
APPLICATION SPEC	NOT APPLICABLE	PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW,	TWO TERMINALS, NON-ILLUMINATED		
WEIGHT	NOT APPLICABLE	SIZE	ONE CODE	DRAWING NO	RESTRICTED TO
		A2	00779	C=1571076	
MATERIAL		CUSTOMER DRAWING	SCALE	3:1	SHEET 1 of 4 REV J4

1471-9 (3/11)

1571076

A

4

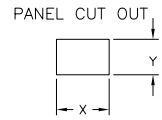
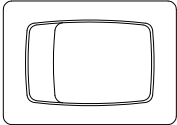
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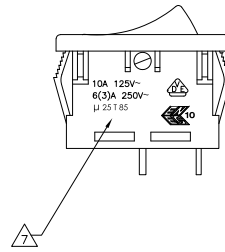
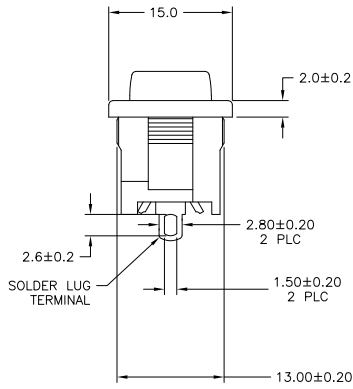
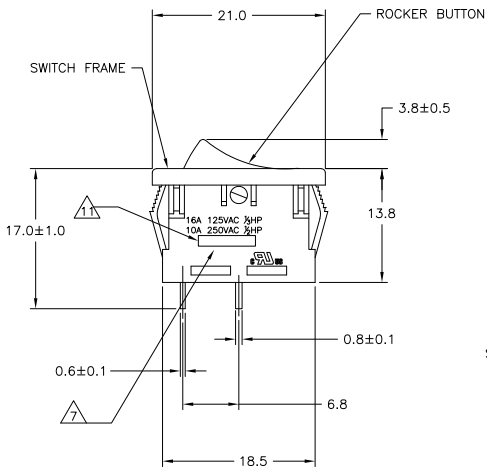
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LOC	DIST	REVISIONS		
F	LNK	DESCRIPTION	DATE	BY
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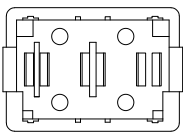
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1.25-2.00	19.4-0.1	13.0+0.1
0.75-1.25	19.2-0.1	13.0+0.1
PANEL THICKNESS	X	Y



SWITCH FUNCTION A1
CIRCUIT DIAGRAM



SWITCH FUNCTION A3
CIRCUIT DIAGRAM



1-1571076-2 SHOWN

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:		FINISH:	
MM		0 PLC	±	1 PLC	± 0.30	2 PLC	± 0.05
		3 PLC	±	4 PLC	±	ANGLES	±

THIS DRAWING IS A CONTROLLED DOCUMENT.		DW		25FEB2002	
CHK	M. BINNER	CHK	J. MOSIER	NAME	POWER ROCKER SWITCH, 13.0mm X 19.2mm
APP	-	APP	-	PRODUCT SPEC	PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW,
APPL	NOT APPLICABLE	APPL	NOT APPLICABLE	APPLICATION SPEC	TWO TERMINALS, NON-ILLUMINATED
WEIGHT	NOT APPLICABLE	WEIGHT	-	SIZE	A2
				ONE CODE (DRAWING NO)	C=1571076
				RESTRICTED TO	-
				CUSTOMER DRAWING	SCALE 3:1 SHEET 2 of 4 REV J4

4

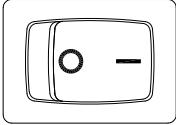
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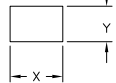
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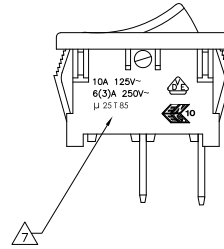
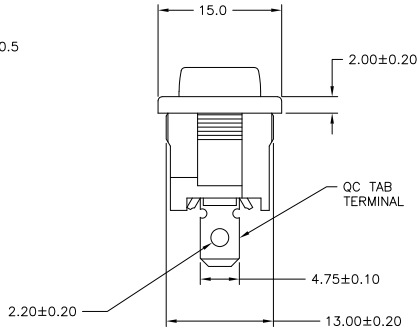
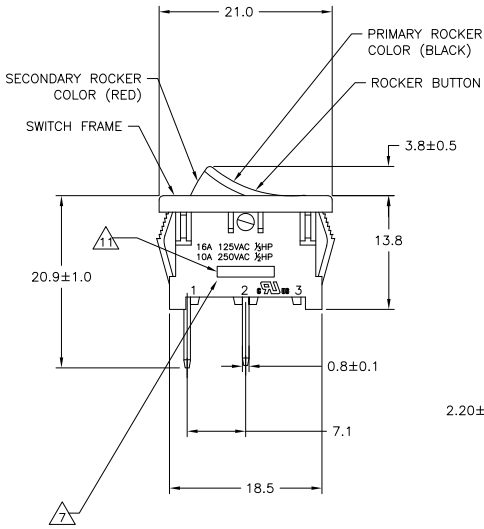
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AD	00	F	LNK	DATE	OWN	APPD
-	-	-	-	SEE SHEET 1	-	-



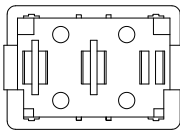
PANEL CUT OUT



2.00-3.00	19.8-0.1	13.0+0.1
1.25-2.00	19.4-0.1	13.0+0.1
0.75-1.25	19.2-0.1	13.0+0.1
PANEL THICKNESS	X	Y



SWITCH FUNCTION A2
CIRCUIT DIAGRAM



6-1571076-7 SHOWN
(WITH DUAL COLOR ROCKER BUTTON)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:		FINISH:	
0	PLC	±	-	1	PLC	±	0.30
1	PLC	±	0.30	2	PLC	±	0.05
2	PLC	±	0.05	3	PLC	±	-
3	PLC	±	-	4	PLC	±	-
4	PLC	±	-	ANGLES	±	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW	M. BIRNER	25FEB2002
DWG		CHK	J. MOSIER	-
APPRO		DATE	-	
PRODUCT SPEC		-		
APPLICATION SPEC		NOT APPLICABLE		
MATERIAL		-		
FINISH		-		
CUSTOMER DRAWING		-		

NAME		POWER ROCKER SWITCH, 13.0mm X 19.2mm	
DESCRIPTION		PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW, TWO TERMINALS, NON-ILLUMINATED	
SIZE	ONE CODE (DRAWING NO)	RESTRICTED TO	
A2	00779	C=1571076	
SCALE	3:1	SHEET	3 of 4
REV	J4	-	

4

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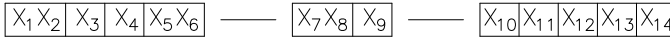
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LOC	DIST	REVISIONS			
F	LNK	DESCRIPTION	DATE	BY	APP
-	-	SEE SHEET 1	-	-	-

LEGACY PART NUMBER



SWITCH TYPE: X1X2 = PR - POWER ROCKER

NOMINAL PANEL CUT OUT SIZE: X3 = A - 13.0x19.2

NUMBER OF POLES: X4 = S - SINGLE

SWITCH FUNCTION: X5X6 =

A1 - ON-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON

A2 - ON-OFF, WITH OPAQUE, DUAL-COLOR ROCKER BUTTON

A3 - (ON)-OFF, WITH OPAQUE, SINGLE-COLOR ROCKER BUTTON

CURRENT RATING: X7X8 = 16 - A

TERMINAL TYPE: X9 = E - QC TAB, L - SOLDER LUG

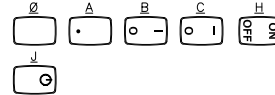
FRAME COLOR: X10 = B - BLACK, W - WHITE

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 =



LEGEND TEXT COLOR: X14 = Ø - NOT APPLICABLE

G - GREEN, R - RED, B - BLACK, W - WHITE

- 1. MATERIALS:
 - ROCKER BUTTON & HOUSING FRAME: 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
 - BOTTOM PLATE(SOLDER LUG OPTION): PHENOLIC LAMINATE

- 6. UL: 16A@125VAC 1/2HP / 10A@250VAC 1/2HP, ENEC: 10A 125V~, 6(3)A 250V~ μ25T85.

- 2. FINISH:
 - TERMINAL, ACTIVE CONTACTOR: 1.0μm MIN SILVER
 - PLUNGER: 3.0μm MIN NICKEL

- 7. ELECTRICAL RATINGS, AGENCY APPROVAL LOGOS, TERMINAL IDENTIFICATION NUMBERS, MOLDED APPROXIMATELY AS SHOWN ON THE SIDE OF THE SWITCH HOUSING.

- 3. ELECTRICAL SPECIFICATIONS:
 - CURRENT AND VOLTAGE: A
 - CONTACT RESISTANCE (INITIAL): <100mΩ (5V, 1A DC)
 - DIELECTRIC STRENGTH (INITIAL): >1000 VAC, 1 MINUTE
 - INSULATION RESISTANCE (INITIAL): >100MΩ MIN (50VDC 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%RH)
 - DEGREE OF PROTECTION: IP40

- 8. COMPONENT RECOGNIZED TO US AND CANADIAN STANDARDS, UL FILE NO. E46765.
- 9. COMPONENT RECOGNIZED TO EUROPEAN STANDARDS, (ENEC & VDE). MARKS LICENSE NO. 40006757.
- 10. ROHS 2002/95/EC COMPLIANT.

- 4. MECHANICAL SPECIFICATIONS:
 - ACTUATING FORCE: 150g MIN, 650g MAX
 - OPERATING LIFE ENDURANCE: >100,000 OPERATIONS
 - TERMINAL RETENTION FORCE: >2.5kg- SOLDER LUG, >6.8kg- QC TAB

- 11. TE CONNECTIVITY LOGO LOCATED APPROXIMATELY AS SHOWN

- 5. ENVIRONMENTAL SPECIFICATIONS:
 - AMBIENT TEMPERATURE: -20°C TO +85°C
 - HUMIDITY: MAX 85%
 - SALT SPRAY: NO REMARKABLE 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)
 - DEGREE OF PROTECTION: IP40

3	PRASA2-16F-BBRBR	6-1571076-7
2	PRASA1-16L-BR000	6-1571076-6
1	PRASA1-16F-BR000	6-1571076-5
2	PRASA1-16L-BR0BW	3-1571076-0
1	PRASA3-16F-BB000	2-1571076-6
1	PRASA3-16F-BB0JW	2-1571076-1
1	PRASA1-16F-BB0HW	2-1571076-0
2	PRASA1-16L-BB0CW	1-1571076-4
2	PRASA1-16L-BB0BW	1-1571076-3
2	PRASA1-16L-BB000	1-1571076-2
1	PRASA1-16F-BB0CW	1-1571076-1
1	PRASA1-16F-BB0BW	1-1571076-0
1	PRASA1-16F-BB000	1571076-9

THIS DRAWING IS A CONTROLLED DOCUMENT. DIM: M. BINNER 25FEB2002. CHK: J. MOSIER. DATE: 25FEB2002. NAME: TE Connectivity. PRODUCT SPEC: POWER ROCKER SWITCH, 13.0mm X 19.2mm. APPLICATION SPEC: NOT APPLICABLE. PANEL CUT-OUT SIZE, SINGLE POLE, SINGLE THROW, TWO TERMINALS, NON-ILLUMINATED. MATERIAL: NYLON 66. FINISH: SILVER-TIN OXIDE. SIZE: A2. CASE CODE (DRAWING ID): 00779. C=1571076. RESTRICTED TO: CUSTOMER DRAWING. SCALE: 3:1. SHEET: 4 of 4. REV: J4.