

R1966 SERIES ROCKER SWITCH

ANTI-VANDAL
SWITCHESDETECTOR
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESROCKER
SWITCHESROTARY
SWITCHESSLIDE
SWITCHESSNAP ACTION
SWITCHESTACTILE
SWITCHESTOGGLE
SWITCHESCAP
OPTIONS

APPLICATIONS / MARKETS



Computer Peripherals



Medical Equipment



Electrical Houseware



Instrumentation



Consumer Electronics



Testing Equipment

RoHS

SPECIFICATIONS

Contact Rating: 15A @ 125VAC UR, cUR
8A @ 250VAC UR, cUR

Contact Arrangement: SPST, SPDT

Electrical Life: 10,000 cycles

Mechanical Life: 30,000 cycles

Insulation Resistance: >1000 MΩ

Dielectric Strength: 1,500VAC for 1 minute

Operating Temperature: -30°C to 65°C

Storage Temperature: -30°C to 80°C

Panel Thickness: 0.7mm to 3.0mm

FEATURES & BENEFITS

- Agency approvals: cURus
- SPST and SPDT
- LED Illumination options
- Multiple circuit functions
- Multiple termination options
- Actuator marking available

PART NUMBER CONFIGURATOR

Series	Circuit	Housing Color	Actuator Color	Marking (see chart)	Termination	LED Color*
R1966	<input type="checkbox"/> A - SPST, On-Off <input type="checkbox"/> C - SPDT, On-On <input type="checkbox"/> D - SPDT, On-Off-On <input type="checkbox"/> E - SPST, On-(Off) <input type="checkbox"/> F - SPST, Off-(On) <input type="checkbox"/> G - SPDT, On-(On) <input type="checkbox"/> H - SPDT, On-Off-(On) <input type="checkbox"/> I - SPDT, (On)-Off-(On)	<input type="checkbox"/> BLK - Black <input type="checkbox"/> WHT - White <input type="checkbox"/> GRY - Grey	<input type="checkbox"/> BLK - Black <input type="checkbox"/> RED - Red <input type="checkbox"/> WHT - White	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H	<input type="checkbox"/> F - 0.187 QC .031 thk <input type="checkbox"/> G - 0.187 QC .020 thk <input type="checkbox"/> S - Solder Lug <input type="checkbox"/> P - PCB Pins <input type="checkbox"/> R - Right Angle PCB Pins <input type="checkbox"/> L - Left Angle PCB Pins	<input type="checkbox"/> RED - Red <input type="checkbox"/> GRN - Green <input type="checkbox"/> BLU - Blue <input type="checkbox"/> YEL - Yellow

NOTES:

* LED Color option only available with the "A" circuit option

From the "A" circuit option with either the "R" or "L" terminal option, the LED terminals are solder lug terminals and are not bent in either the right or left angle terminal direction as the switch terminals. They protrude straight out from the switch body.

Specifications subject to change without notice 4.26.2023

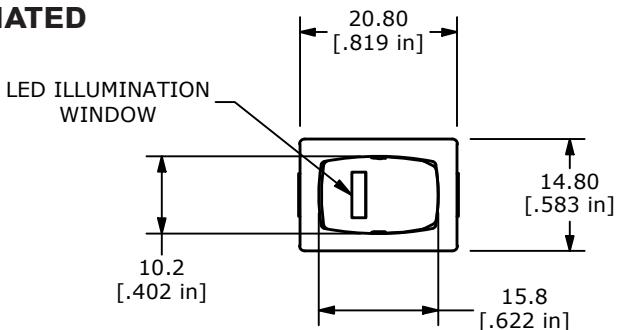
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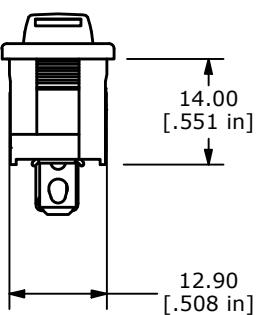
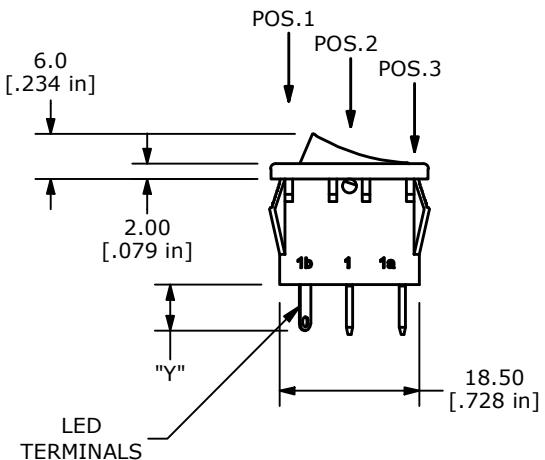
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BODY DIMENSIONS

ILLUMINATED

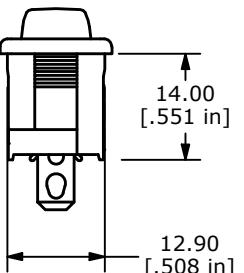
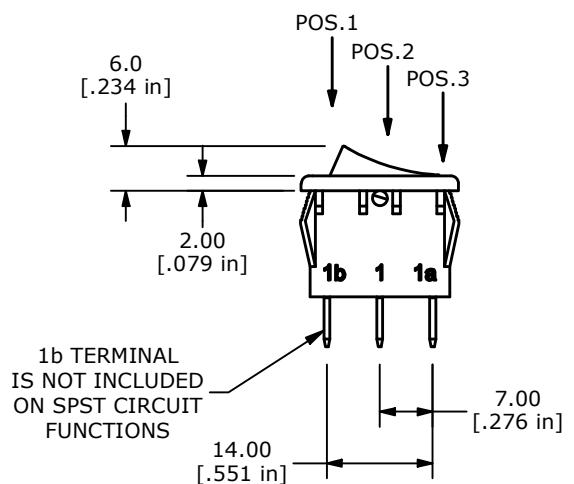
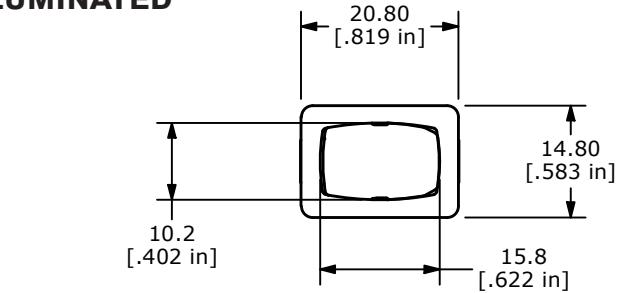


WHEN LED IS USED WITH TERMINALS	DIM "Y"
F, G, P, L, R	6.1 (0.24)
S	1.7 (0.07)



BODY DIMENSIONS

NON ILLUMINATED



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SWITCHES

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SWITCHES

DIP
SWITCHES

KEYLOCK
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

ROCKER
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ROTARY
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SLIDE
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SNAP ACTION
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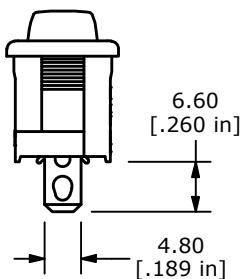
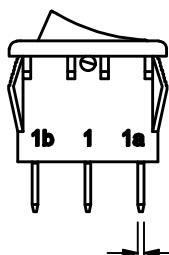
SNAP ACTION
SWITCHES

TACTILE
SWITCHES

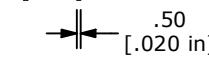
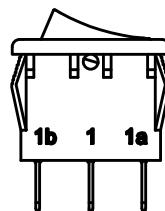
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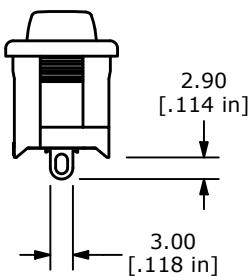
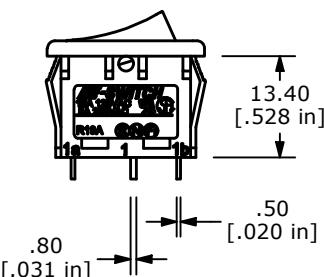
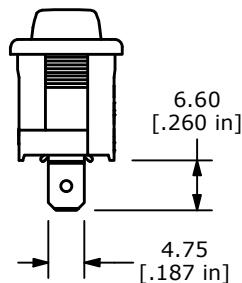
TERMINATION OPTIONS



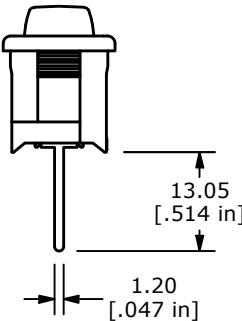
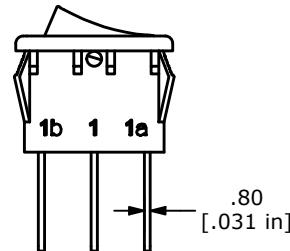
"F" TERMINAL



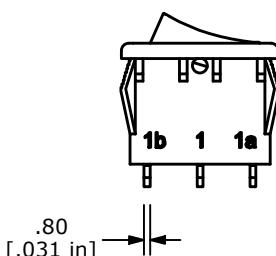
"G" TERMINAL



"S" TERMINAL

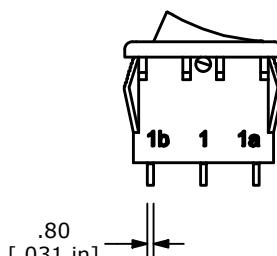


"P" TERMINAL



**"L" TERMINAL
(LEFT ANGLE)**

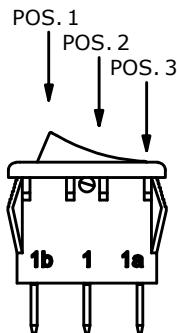
(TERMINALS BENT AWAY FROM LOGO SIDE)



**"R" TERMINAL
(RIGHT ANGLE)**

(TERMINALS BENT TOWARDS THE LOGO SIDE)

FUNCTION CHART



R1966 - SINGLE POLE TERMINAL CHART				
VERSION	FUNCTION OPTION	POS. 1	POS. 2	POS. 3
SPST	A - 1 POLE	ON	NONE	OFF
SPDT	C - 1 POLE	ON	NONE	ON
SPDT	D - 1 POLE	ON	OFF	ON
SPST	E - 1 POLE	ON	NONE	(OFF)
SPST	F - 1 POLE	OFF	NONE	(ON)
SPDT	G - 1 POLE	ON	NONE	(ON)
SPDT	H - 1 POLE	ON	OFF	(ON)
SPDT	I - 1 POLE	(ON)	OFF	(ON)
SPST	TERMINAL CLOSURE	1a-1	OPEN	N/A
SPDT	TERMINAL CLOSURE	1a-1	OPEN	1-1b

() DENOTES = MOMENTARY



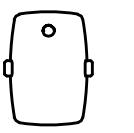
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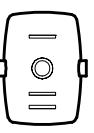
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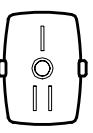
MARKING OPTIONS



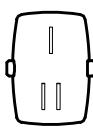
A



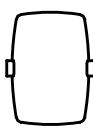
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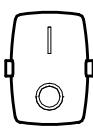
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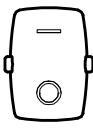
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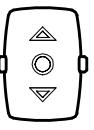
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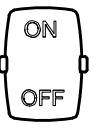
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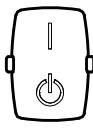
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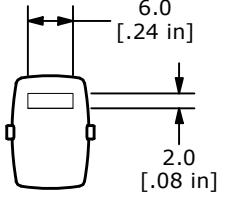
H



I

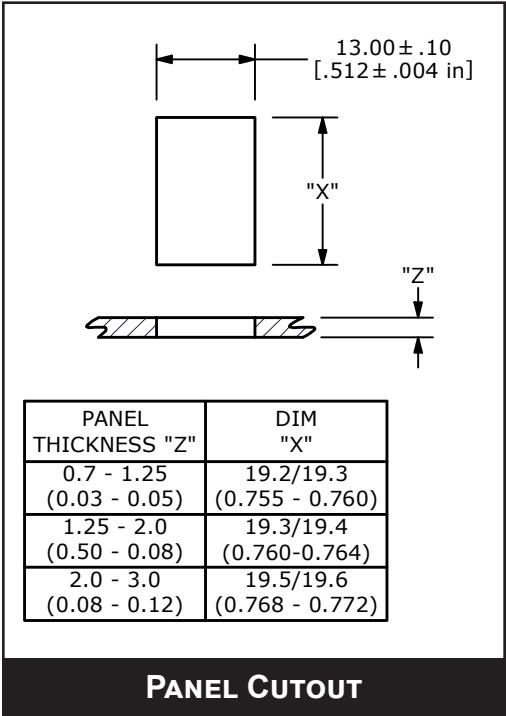
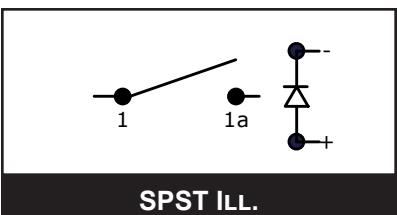
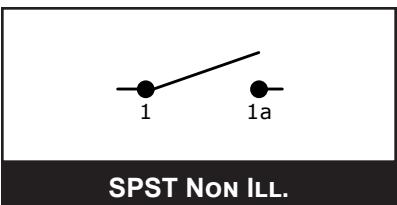
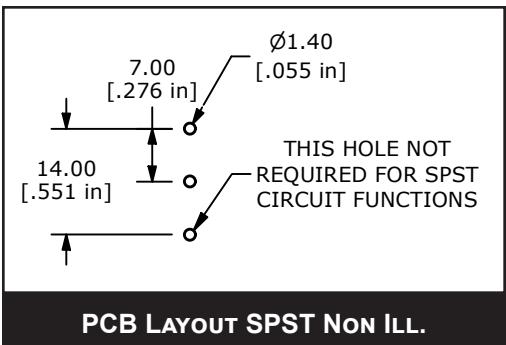
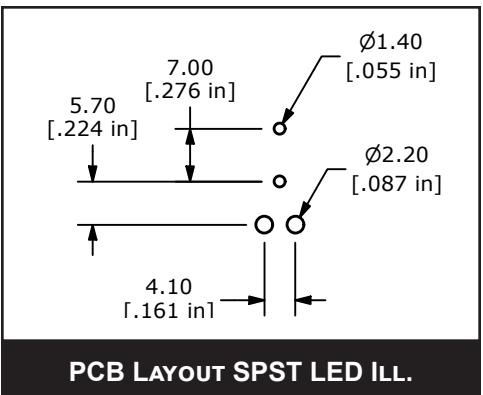


N



LED OPTION

SCHEMATICS & LAYOUTS



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