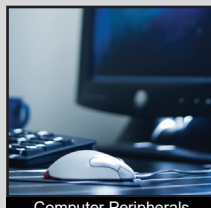


R1966 SERIES ROCKER SWITCH

ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



APPLICATIONS / MARKETS



Computer Peripherals



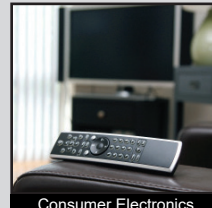
Medical Equipment



Electrical Housewares



Instrumentation



Consumer Electronics



Testing Equipment



SPECIFICATIONS

Contact Rating:

15A @ 125VAC UL, CUL

8A @ 250VAC UL, CUL

6A @ 250VAC VDE

Contact Arrangement: SPST, SPDT

Electrical Life: 10,000 cycles

Mechanical Life: 30,000 cycles

Contact Resistance: 20mΩ min. initial

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: 0.7 - 3.0mm

FEATURES & BENEFITS

- Agency approvals: cURus, VDE
- SPST and SPDT
- LED Illuminated 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	A - SPST, On-Off C - SPDT, On-On D - SPDT, On-Off-On E - SPST, On-(Off) F - SPST, Off-(On) G - SPDT, On-(On) H - SPDT, On-Off-(On) I - SPDT, (On)-Off-(On)	BLK - Black WHT - White GRY - Gray	BLK - Black RED - Red GRY - Gray WHT - White	A B C D E F G H I	F - 0.187 QC .031 thk G - 0.187 QC .020 thk S - Solder lug P - PCB Pins R - Right Angle PCB Pins L - Left Angle PCB Pins	RED - Red GRN - Green BLU - Blue 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



E-SWITCH®

www.e-switch.com

800.867.2717

2

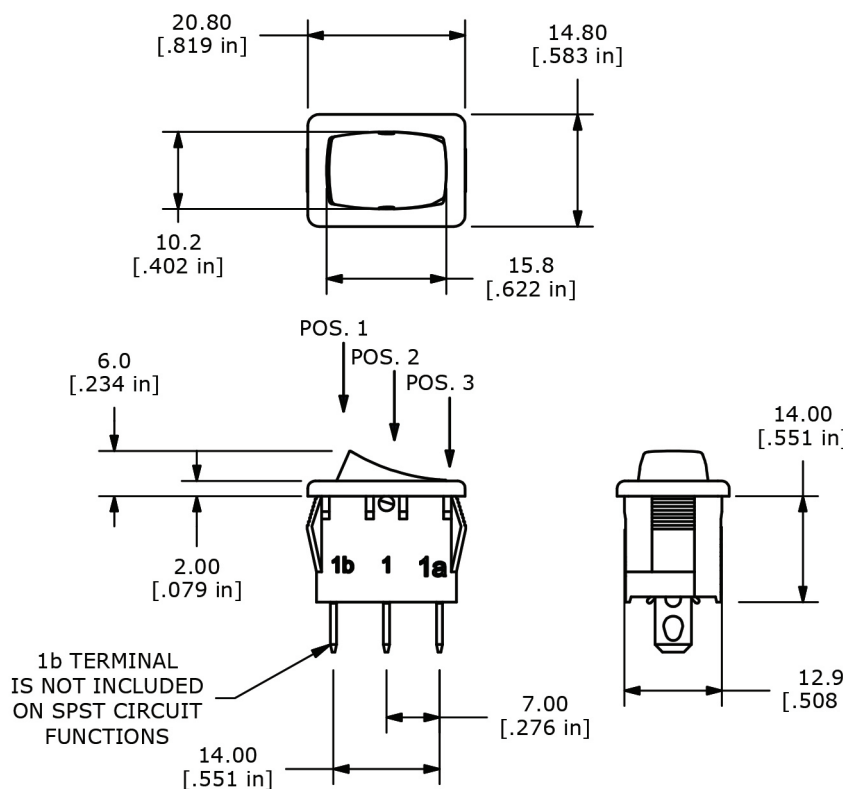
ANTI-VANDAL SWITCHES	DETECTOR SWITCHES	DIP SWITCHES	KEYLOCK SWITCHES	NAVIGATION SWITCHES	PUSHBUTTON SWITCHES	ROCKER SWITCHES	ROTARY SWITCHES	SLIDE SWITCHES	SNAP ACTION SWITCHES	TACTILE SWITCHES	TOGGLE SWITCHES	CAP OPTIONS
----------------------	-------------------	--------------	------------------	---------------------	---------------------	-----------------	-----------------	----------------	----------------------	------------------	-----------------	-------------

Technical drawing of the LED illumination window. The drawing shows a rectangular window with a central rectangular opening. The dimensions are as follows:

- Overall width: 20.80 [.819 in]
- Overall height: 14.80 [.583 in]
- Width of the central opening: 10.2 [.402 in]
- Width of the frame (from the center of the opening to the right edge): 15.8 [.622 in]

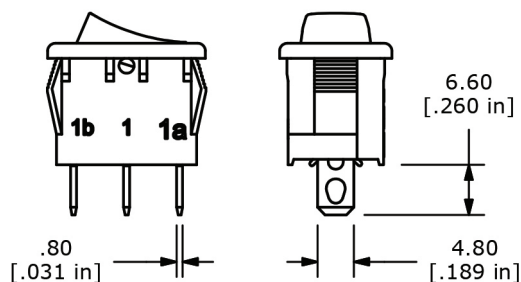
The text "LED ILLUMINATION WINDOW" is written to the left of the drawing, with a leader line pointing to the central opening.

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

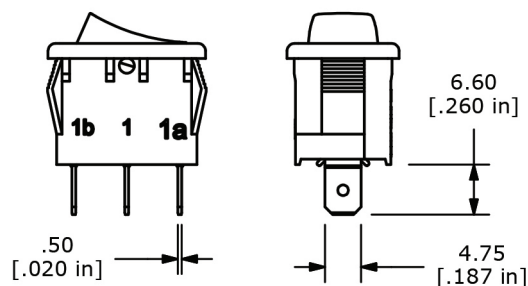


R1966 SERIES ROCKER SWITCH

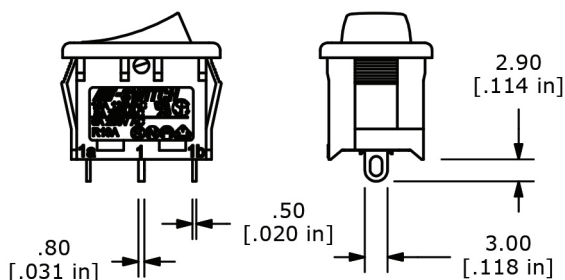
TERMINATION OPTIONS



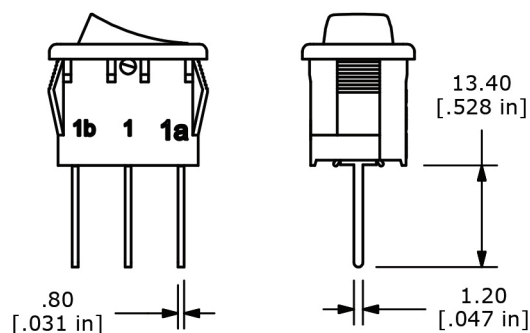
"F" TERMINAL



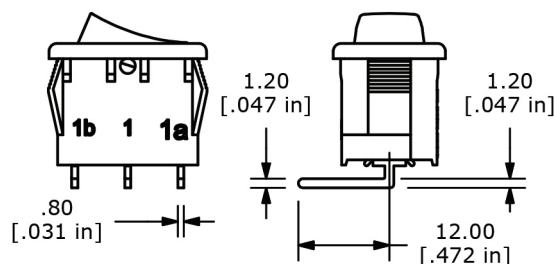
"G" TERMINAL



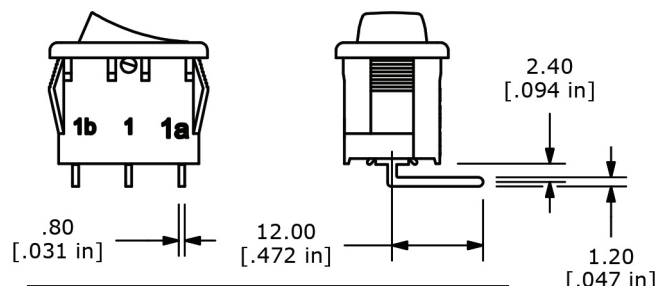
"S" TERMINAL



"P" TERMINAL

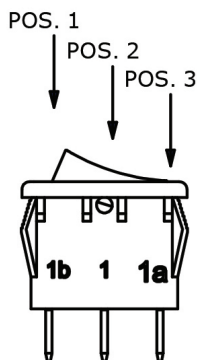


"L" TERMINAL



"R" TERMINAL

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



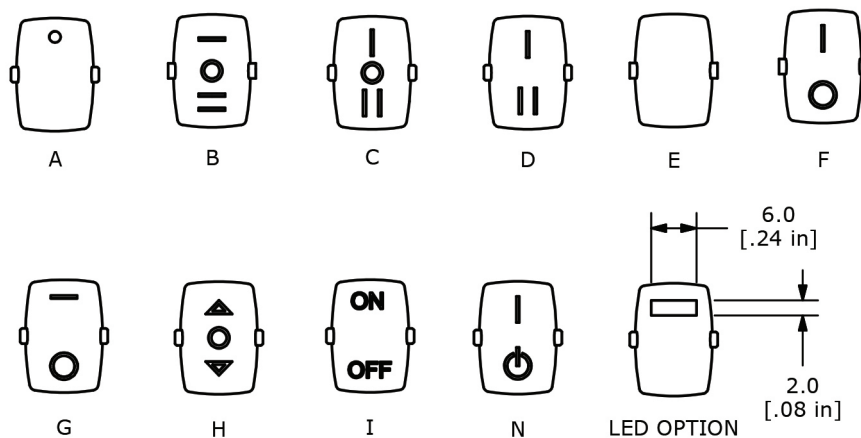
E-SWITCH®

www.e-switch.com

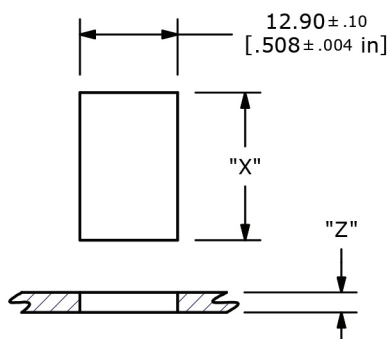
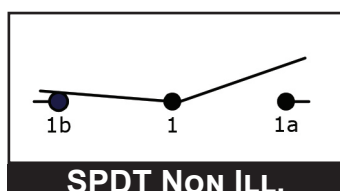
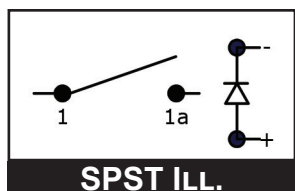
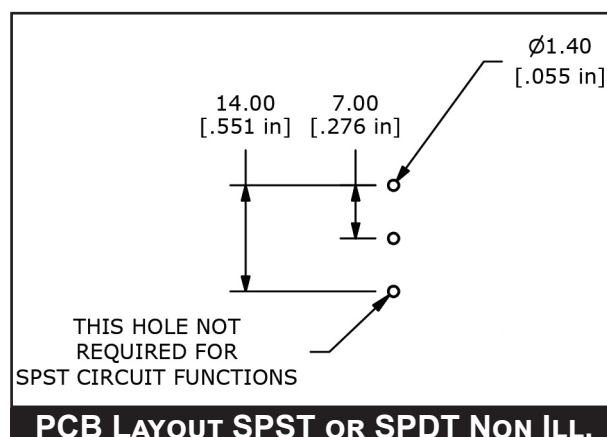
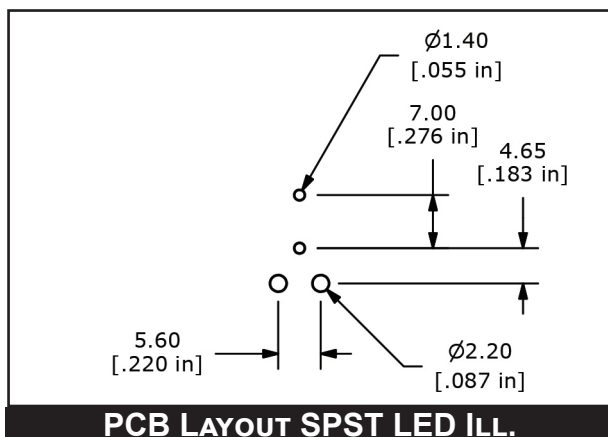
800.867.2717

4

MARKING OPTIONS



SCHEMATICS & LAYOUTS



PANEL THICKNESS "Z"	DIM "X"
0.7 - 1.25 (0.03 - 0.05)	19.2/19.3 (0.755 - 0.760)
1.25 - 2.0 (0.50 - 0.08)	19.3/19.4 (0.760-0.764)
2.0 - 3.0 (0.08 - 0.12)	19.5/19.6 (0.768 - 0.772)

