R1966 Series Rocker Switch



Applications / Markets


Computer Peripherals


Medical Equipment


Electrical Houseware


Instrumentation


Consumer Electronics


Testing Equipment

RoHS

Specifications

Contact Rating: 15A @ 125VAC UR, cUR
10A @ 250VAC UR, cUR
6A @ 250VAC VDE T85/55
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

- **UL File Number E121922**
- **VDE File Number 40018253**
- **SPST and SPDT**
- **LED Illumination options**
- **Multiple circuit functions**
- **Multiple termination options**
- **Actuator marking available**

Part Number Configurator

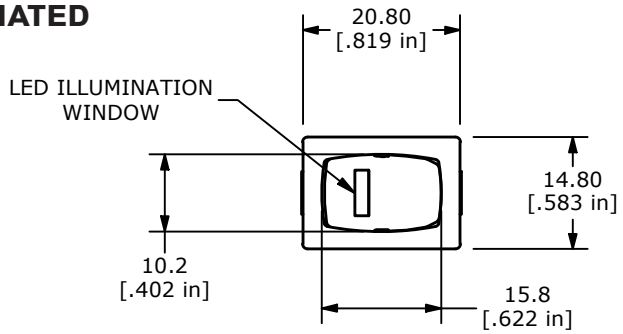
Series	Circuit	Housing Color	Actuator Color	Marking (see chart)	Termination	LED Color*
R1966	**A** - SPST, On-Off **C** - SPDT, On-On **D** - SPDT, On-Off-On **E** - SPST, On-(Off) **F** - SPST, Off-(On) **G** - SPDT, On-(On) **H** - SPDT, On-Off-(On) **I** - SPDT, (On)-Off-(On)	**BLK** - Black **WHT** - White **GRY** - Grey	**BLK** - Black **RED** - Red **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.

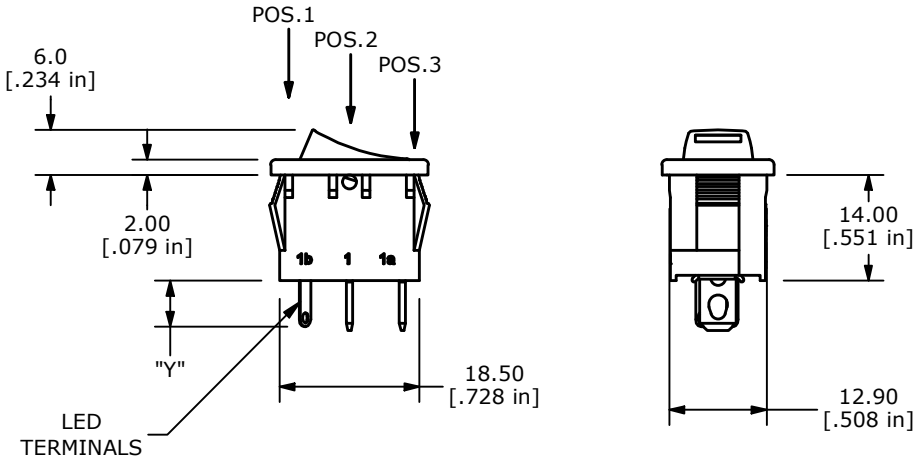
Specifications subject to change without notice 2.10.2026

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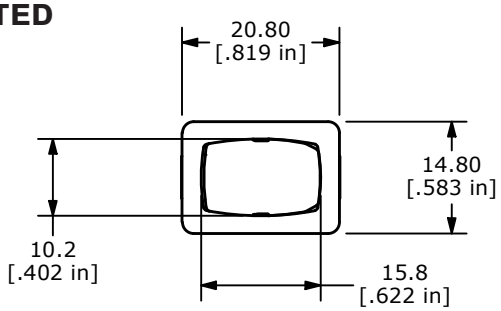
Body Dimensions Illuminated

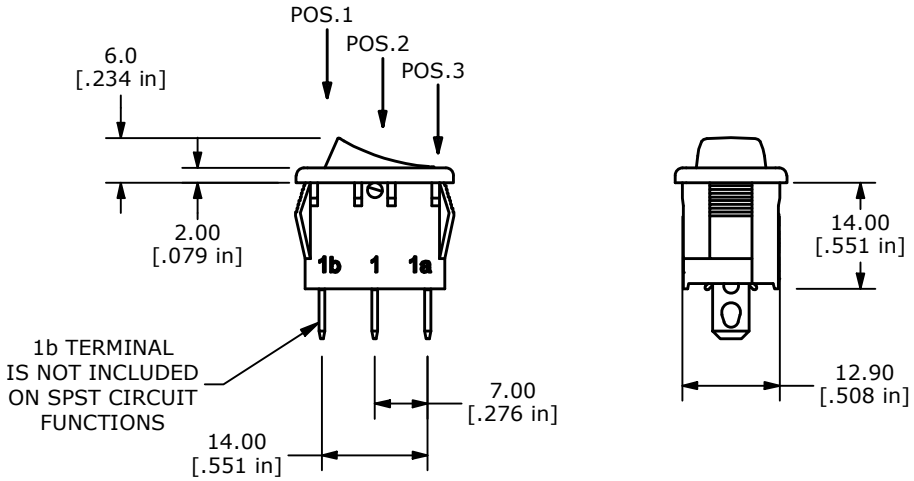


WHEN LED IS USED WITH TRMINALS	DIM "Y"
F, G, P, L, R	6.1 (0.24)
S	1.7 (0.07)



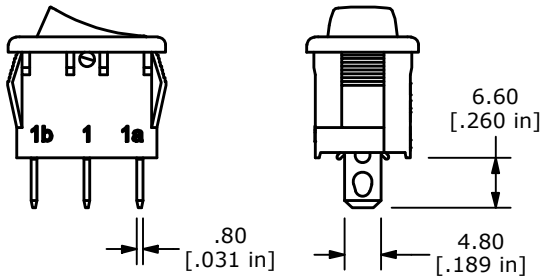
Body Dimensions Non Illuminated



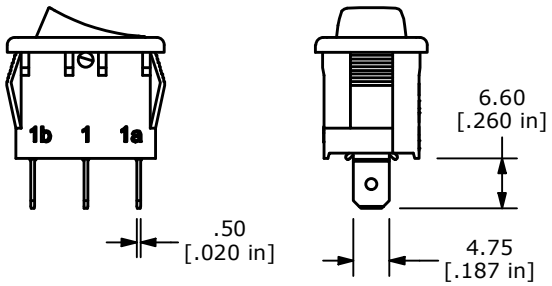


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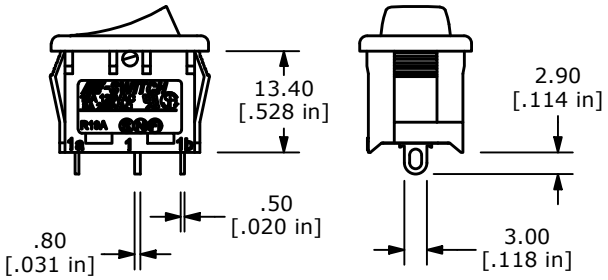
TERMINATION OPTIONS



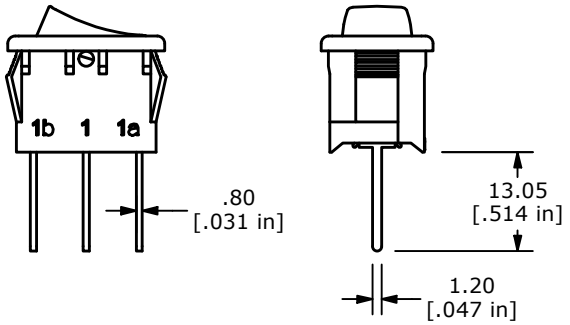
"F" TERMINAL



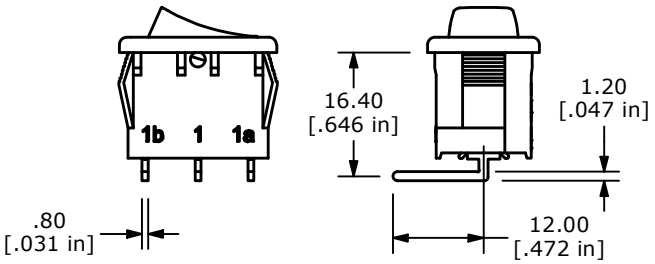
"G" TERMINAL



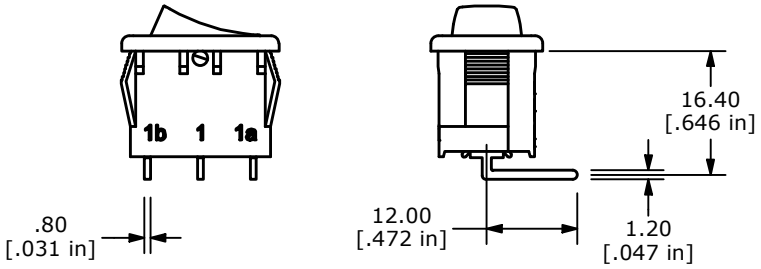
"S" TERMINAL



"P" TERMINAL

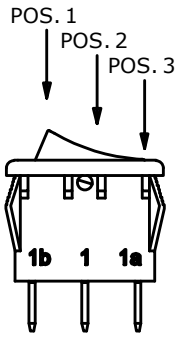


"L" TERMINAL
(LEFT ANGLE)
(TERMINALS BENT AWAY FROM LOGO SIDE)



"R" TERMINAL
(RIGHT ANGLE)
(TERMINALS BENT TOWARDS THE LOGO SIDE)

FUNCTION CHART

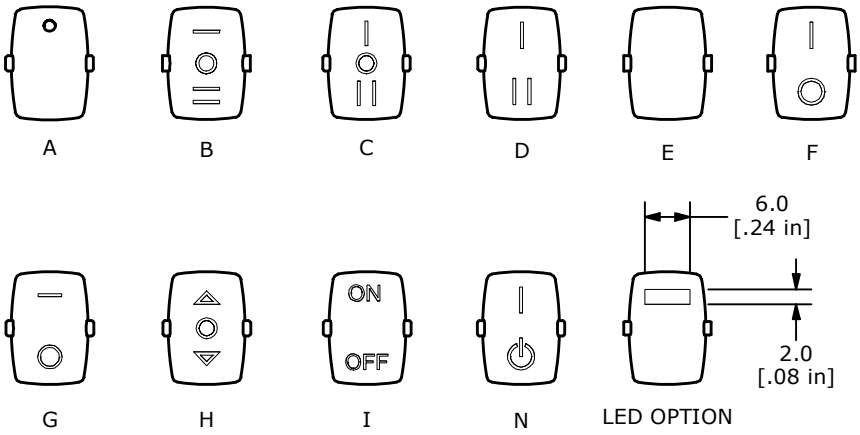


R1966 - SINGLE POLE TERMINAL CHART				
VERSION	FUNCTION OPTION	POS. 1	POS. 2	POS. 3
SPST	A - 1 POLE	ON	NONE	OFF
SPDT	C - 1 POLE	ON	NONE	ON
SPDT	D - 1 POLE	ON	OFF	ON
SPST	E - 1 POLE	ON	NONE	(OFF)
SPST	F - 1 POLE	OFF	NONE	(ON)
SPDT	G - 1 POLE	ON	NONE	(ON)
SPDT	H - 1 POLE	ON	OFF	(ON)
SPDT	I - 1 POLE	(ON)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

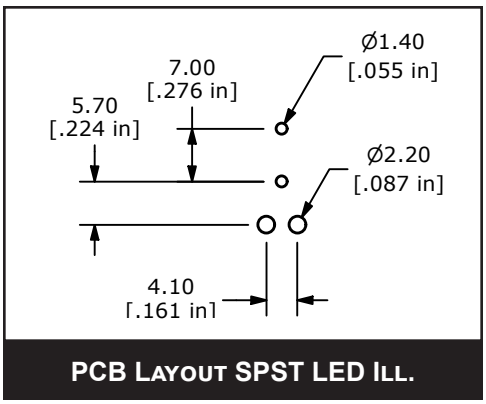
( ) DENOTES = MOMENTARY

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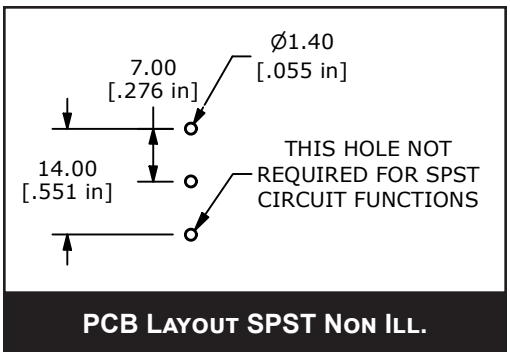
MARKING OPTIONS



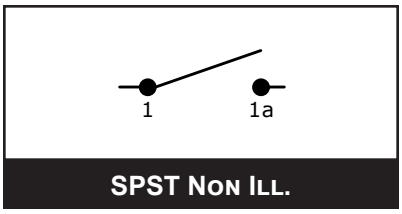
SCHEMATICS&LAYOUTS



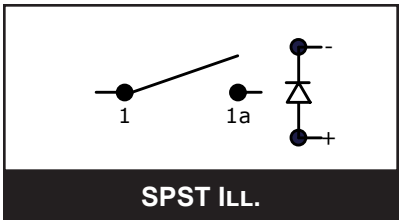
PCB LAYOUT SPST LED ILL.



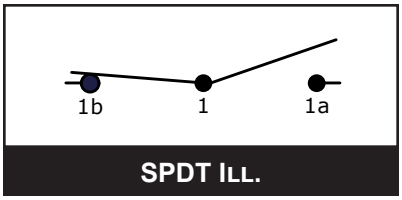
PCB LAYOUT SPST NON ILL.



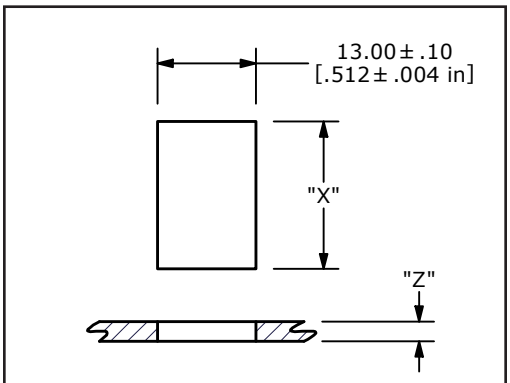
SPST NON ILL.



SPST ILL.



SPDT ILL.



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)

PANEL CUTOUT

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