R1966 Series Rocker Switch



c UL us RoHS

Specifications

Contact Rating: 15A, 125VAC; UL
10A, 250VAC; UL
6A, 250VAC; VDE
Contact Arrangement: SPST, SPDT
Electrical Life: 10,000 cycles
Mechanical Life: 30,000 cycles
Insulation Resistance: 1000 MΩ Min.
Contact Resistance: 20mΩ Max. Initial
Dielectric Strength: 1,500VAC for 1 minute
Operating Temperature: -30°C to 105°C
Panel Thickness: 0.7mm to 3.0mm

Features & Benefits

- **High Current Power Rocker Switch**
- **19.2mm x 13mm Panel Cutout; Snap-In**
- **SPST or SPDT circuit; multiple function options**
- **Quick-Connect, Solder, or PC Pin termination**
- **LED illumination options**
- **Housing and Actuator color options**
- **Actuator marking options**
- **UL File # E121922**
- **VDE File # 40018253**

Part Number Configurator

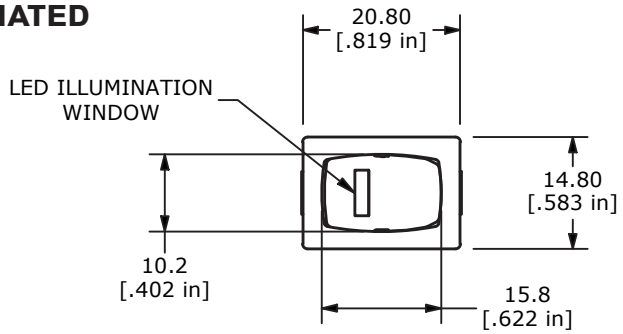
Series	Circuit	Housing Color	Actuator Color	Marking	Termination	LED Color*
R1966	**A** - SPST On-Off **C** - SPDT On-On **D** - SPDT On-Off-On **E** - SPST On-(Off) **F** - SPST Off-(On) **G** - SPDT On-(On) **H** - SPDT On-Off-(On) **I** - SPDT (On)-Off-(On)	**BLK** - Black **WHT** - White **GRY** - Grey	**BLK** - Black **WHT**- White **RED** - Red	**A** - Dot **B** - I/O/II Horizontal **C** - I/O/II Vertical **D** - I/II Vertical **E** - None (or use w/ LED) **F** - I/O Vertical **G** - I/O Horizontal **H** - Directional Arrow/O/Directional Arrow **I** - ON/OFF Vertical **N** - I/Power Symbol Vertical	**F** - 0.187" QC 0.031" thk **G** - 0.187" QC 0.020" thk **S** - Solder Lug **P** - P.C. Pin **R** - Right Angle P.C. Pin **L** - Left Angle P.C. Pin	**None** - Non-illum. **RED** - Red **GRN** - Green **BLU** - Blue **YEL** - Yellow

NOTES:
( ) denotes momentary function
**LED option is only available with "A" circuit*
**LED terminals (2) are solder lug terminals that protrude straight out from the switch body*

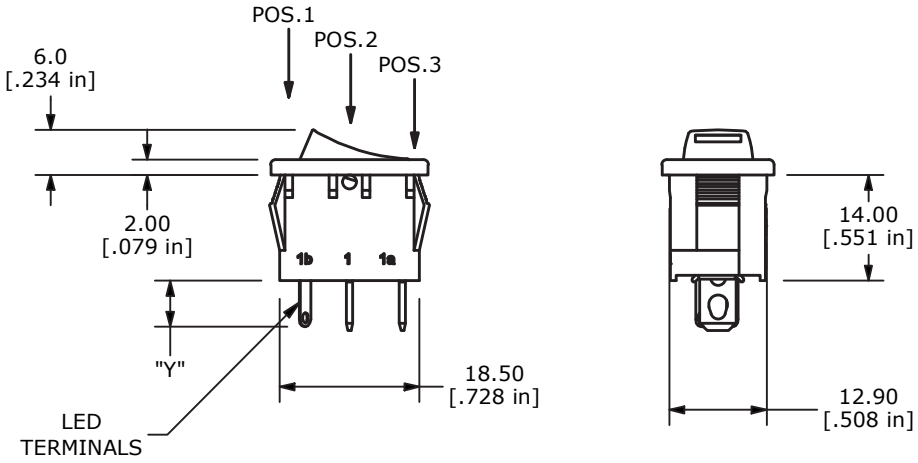
Specifications subject to change without notice 8.1.2026

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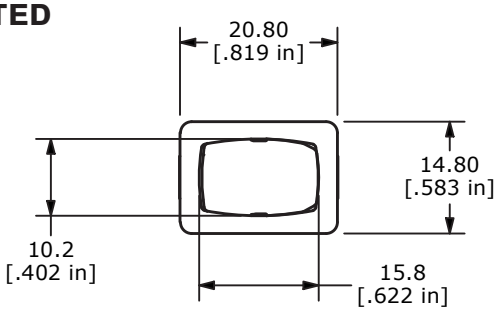
Body Dimensions
Illuminated

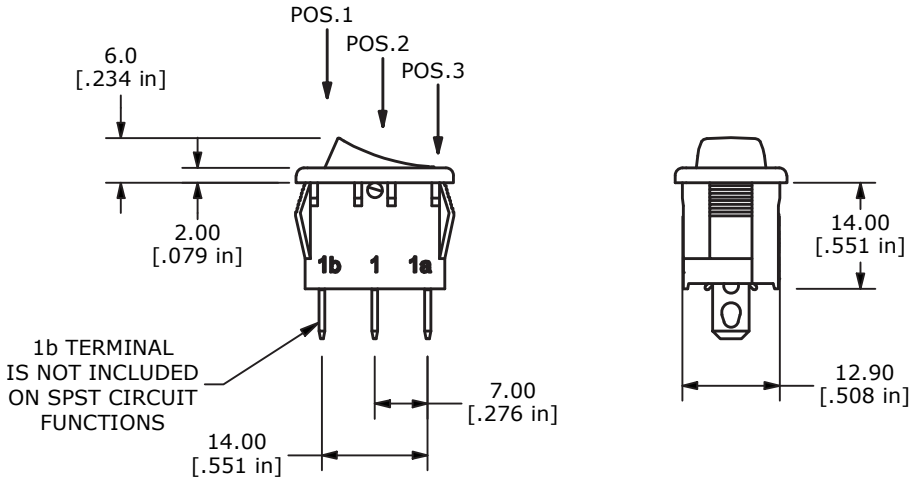


WHEN LED IS USED WITH TRMINALS	DIM "Y"
F, G, P, L, R	6.1 (0.24)
S	1.7 (0.07)



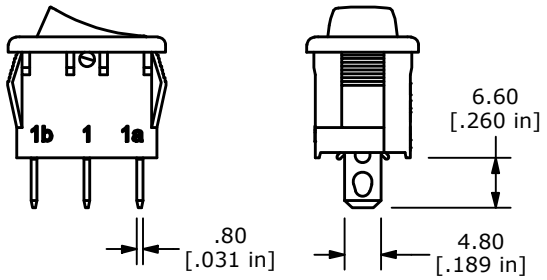
Body Dimensions
Non Illuminated



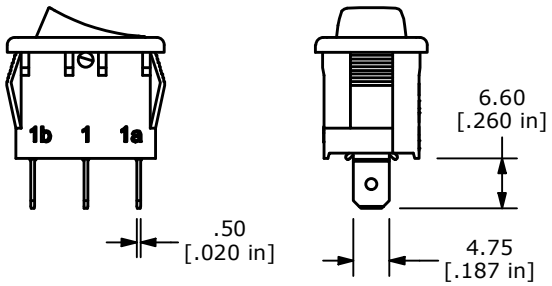


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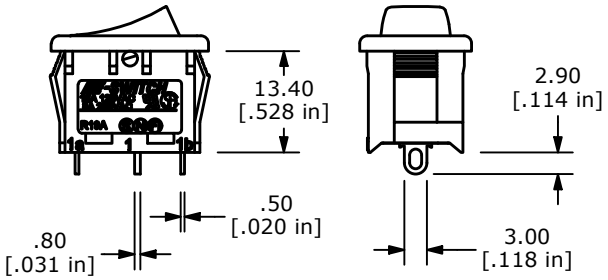
TERMINATION OPTIONS



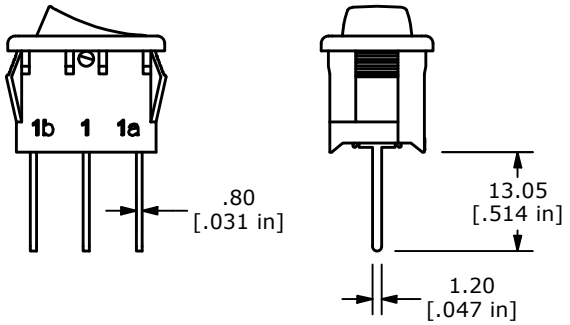
"F" TERMINAL



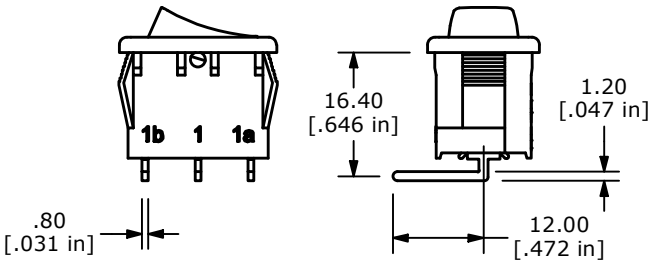
"G" TERMINAL



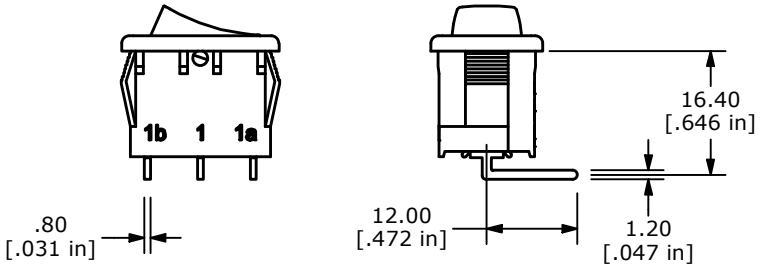
"S" TERMINAL



"P" TERMINAL

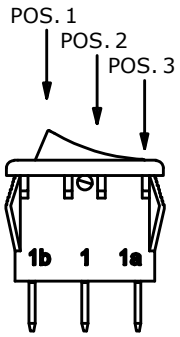


"L" TERMINAL
(LEFT ANGLE)
(TERMINALS BENT AWAY FROM LOGO SIDE)



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

FUNCTION CHART

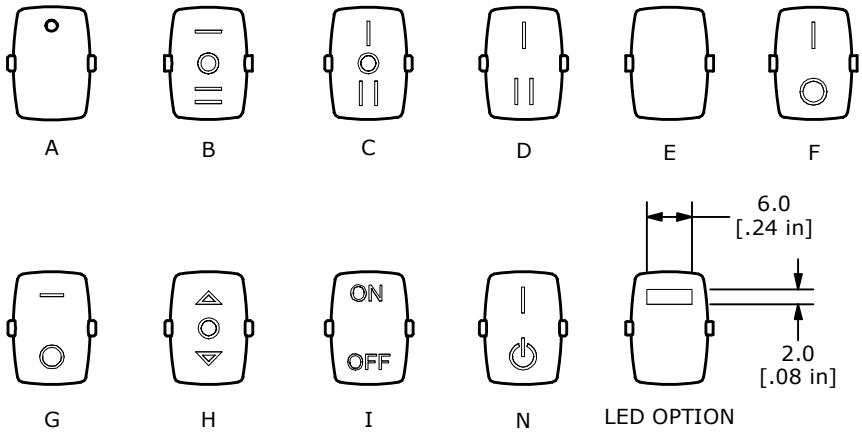


R1966 - SINGLE POLE TERMINAL CHART				
VERSION	FUNCTION OPTION	POS. 1	POS. 2	POS. 3
SPST	A - 1 POLE	ON	NONE	OFF
SPDT	C - 1 POLE	ON	NONE	ON
SPDT	D - 1 POLE	ON	OFF	ON
SPST	E - 1 POLE	ON	NONE	(OFF)
SPST	F - 1 POLE	OFF	NONE	(ON)
SPDT	G - 1 POLE	ON	NONE	(ON)
SPDT	H - 1 POLE	ON	OFF	(ON)
SPDT	I - 1 POLE	(ON)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

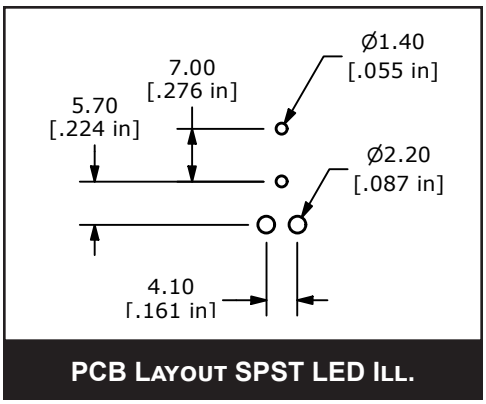
( ) DENOTES = MOMENTARY

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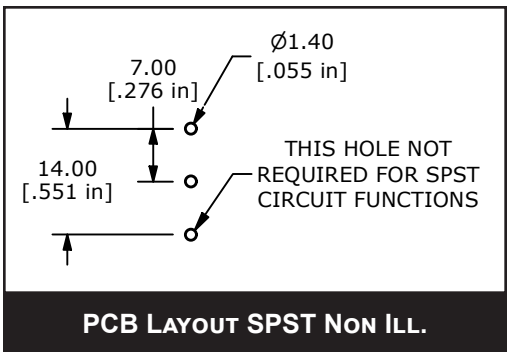
Marking Options



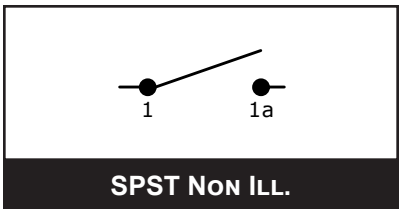
Schematics & Layouts



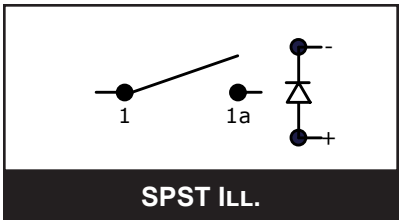
PCB Layout SPST LED Ill.



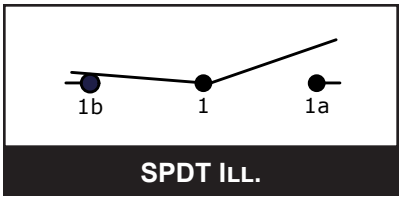
PCB Layout SPST Non Ill.



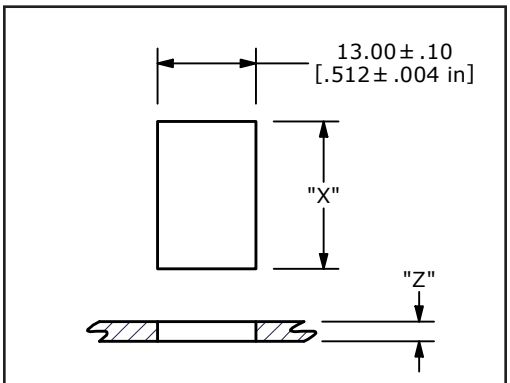
SPST Non Ill.



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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