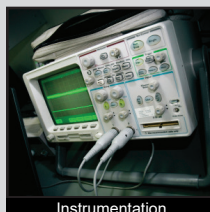
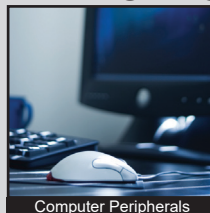


R1966 SERIES ROCKER SWITCH

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



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*
R 1 9 6 6	A	B L K	B L K	A	F	R
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 11.10.2021



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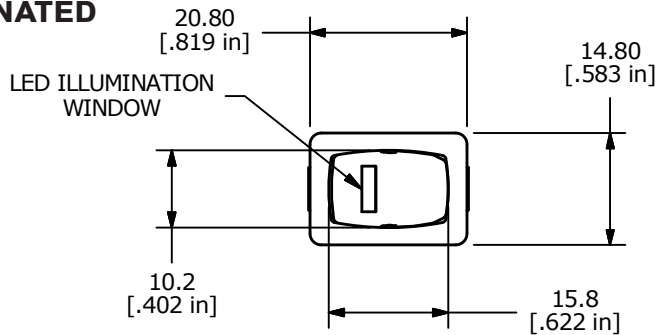
800.867.2717

1

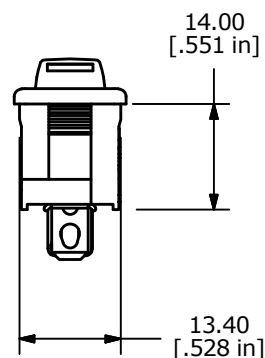
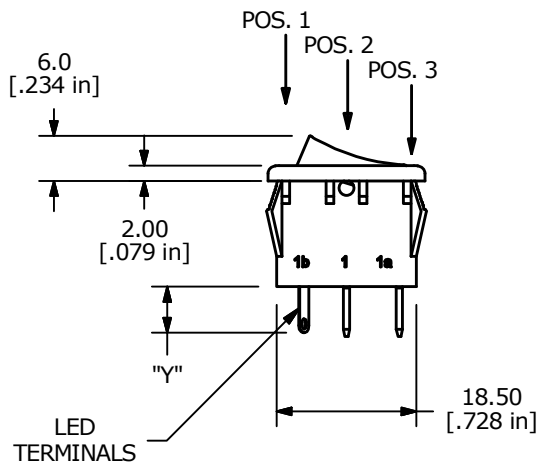
R1966 SERIES ROCKER SWITCH

BODY DIMENSIONS

ILLUMINATED

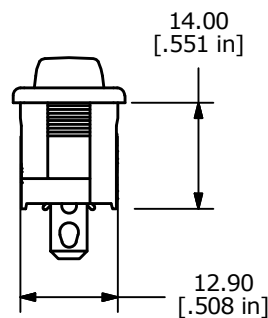
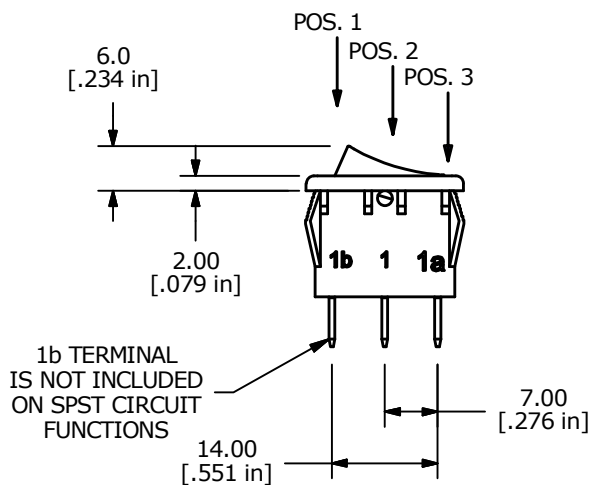
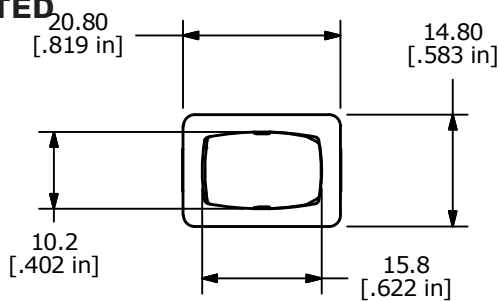


WHEN LED IS USED WITH TRMINALS	DIM "Y"
F, G, P, L, R	6.1 (0.24)
S	1.7 (0.07)



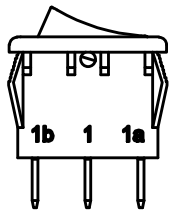
BODY DIMENSIONS

NON ILLUMINATED

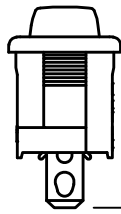


R1966 SERIES ROCKER SWITCH

TERMINATION OPTIONS

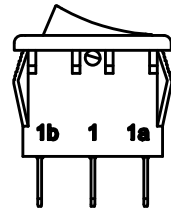


.80
[.031 in]

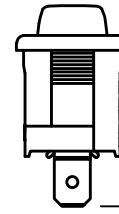


6.60
[.260 in]
4.80
[.189 in]

"F" TERMINAL

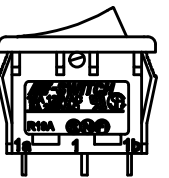


.50
[.020 in]



6.60
[.260 in]
4.75
[.187 in]

"G" TERMINAL

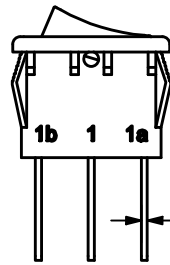


.80
[.031 in]
.50
[.020 in]

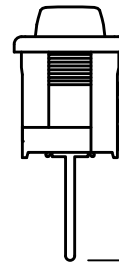


2.90
[.114 in]
3.00
[.118 in]

"S" TERMINAL

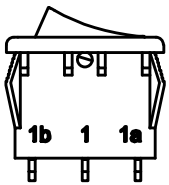


.80
[.031 in]

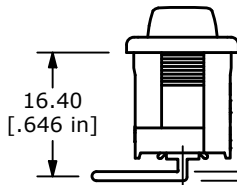


13.60
[.535 in]
1.20
[.047 in]

"P" TERMINAL

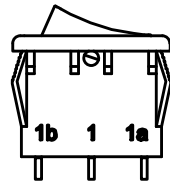


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[.031 in]

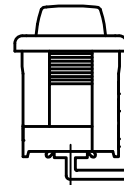


16.40
[.646 in]
1.20
[.047 in]
12.00
[.472 in]

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



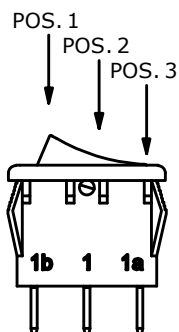
.80
[.031 in]



16.40
[.646 in]
1.20
[.047 in]
12.00
[.472 in]

"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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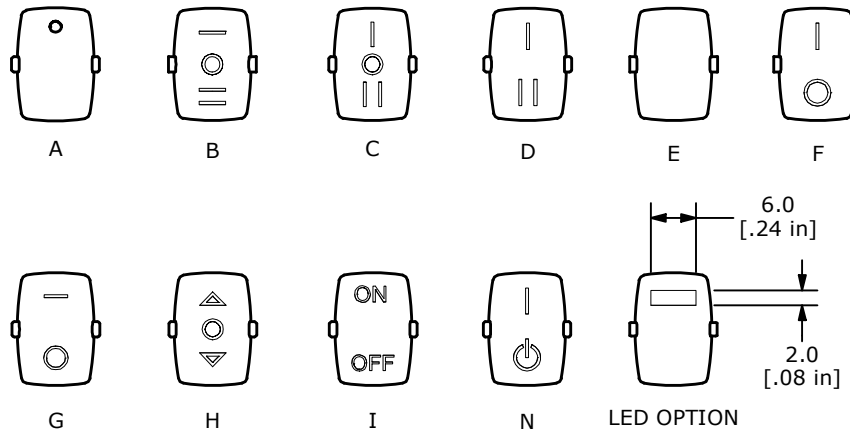
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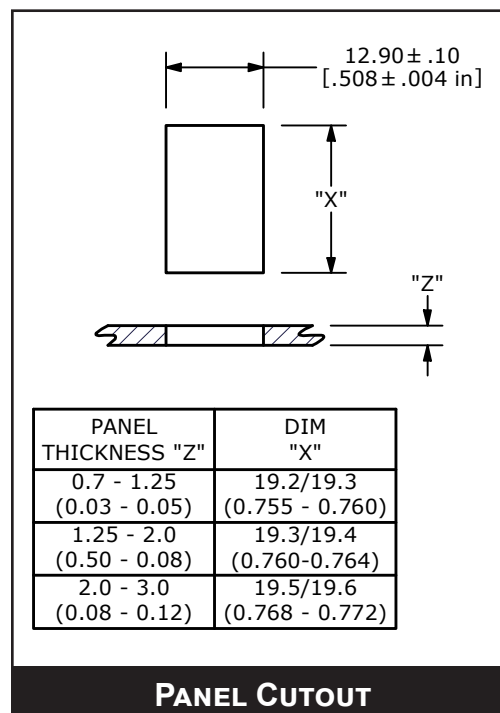
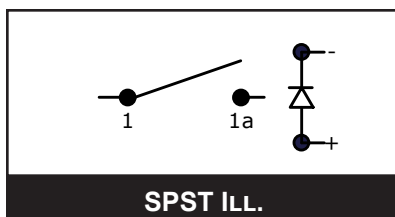
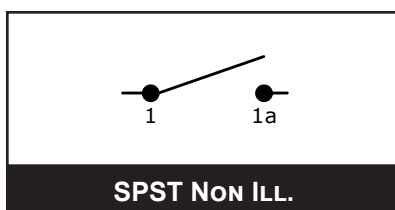
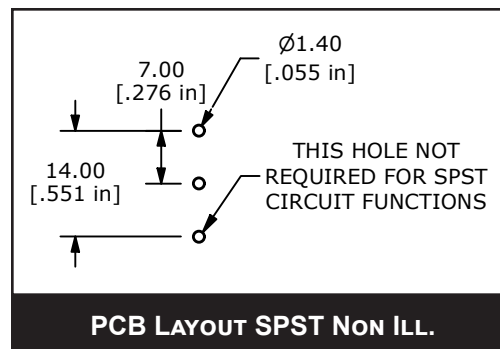
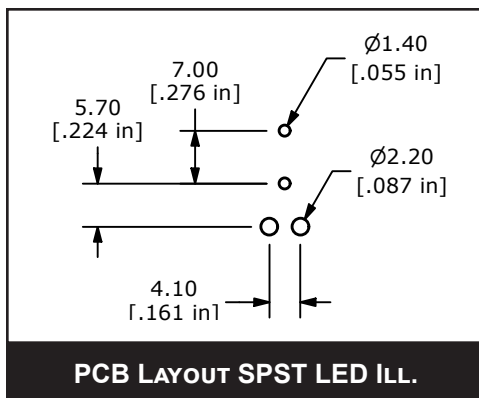
3

R1966 SERIES ROCKER SWITCH

MARKING OPTIONS



SCHEMATICS&LAYOUTS



Mouser Electronics

Authorized Distributor

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[R1966IBLKBLKHF](#) [R1966DBLKBLKEF](#) [R1966DWHTWHTES](#) [R1966DBLKBLKCF](#) [R1966FBLKBLKGF](#)
[R1966ABLKBLKFR](#) [R1966ABLKBLKEFYEL](#) [R1966FBLKBLKEF](#) [R1966ABLKBLKESYEL](#) [R1966ABLKBLKGF](#)
[R1966AGRYGRYFF](#) [R1966ABLKBLKERRED](#) [R1966ABLKBLKESGRN](#) [R1966ABLKBLKGR](#) [R1966IBLKBLKEF](#)
[R1966IGRYGRYEF](#) [R1966ABLKBLKES](#) [R1966ABLKBLKEF](#) [R1966ABLKBLKIS](#) [R1966ABLKBLKESRED](#)
[R1966ABLKBLKEFRED](#) [R1966ABLKBLKGL](#) [R1966AWHTWHTFF](#) [R1966ABLKBLKEFGRN](#) [R1966ABLKBLKFF](#)
[R1966ABLKBLKFS](#) [R1966ABLKBLKGS](#) [R1966ABLKBLKIF](#) [R1966FBLKBLKES](#) [R1966DBLKBLKIF](#)
[R1966ABLKBLKEP](#) [R1966IBLKBLKHS](#) [R1966IBLKBLKHR](#) [R1966FBLKBLKIF](#) [R1966FBLKREDAF](#)
[R1966ABLKBLKEGGRN](#) [R1966AGRYGRYEFGRN](#) [R1966HBLKBLKBF](#) [R1966HBLKBLKEF](#) [R1966IBLKBLKEP](#)
[R1966FBLKBLKAG](#) [R1966EBLKBLKEF](#) [R1966FBLKBLKAF](#) [R1966FBLKBLKAR](#) [R1966FBLKBLKFF](#)
[R1966FBLKBLKGS](#) [R1966HBLKBLKCF](#) [R1966HBLKBLKES](#) [R1966IBLKBLKES](#) [R1966IBLKBLKHP](#)
[R1966IBLKBLKIF](#) [R1966IBLKREDEF](#) [R1966IWHTWHTBF](#) [R1966IWHTWHTEF](#) [R1966ABLKBLKAF](#)
[R1966ABLKBLKDF](#) [R1966ABLKBLKEGRED](#) [R1966ABLKBLKEPGRN](#) [R1966ABLKBLKEPRED](#) [R1966ABLKBLKER](#)
[R1966ABLKBLKIP](#) [R1966ABLKREDIF](#) [R1966AGRYGRYEFRED](#) [R1966AWHTWHTFS](#) [R1966CBLKBLKEF](#)
[R1966CBLKBLKFF](#) [R1966CBLKBLKFP](#) [R1966CBLKBLKGF](#) [R1966DBLKBLKBF](#) [R1966DBLKBLKBP](#)
[R1966DBLKBLKBR](#) [R1966DBLKBLKBS](#) [R1966DBLKBLKEP](#) [R1966DBLKBLKFR](#) [R1966DBLKBLKHF](#)
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[R1966ABLKREDFF](#) [R1966AWHTWHTFL](#) [R1966DBLKBLKES](#) [R1966EBLKBLKEG](#) [R1966GBLKBLKEF](#)
[R1966IBLKBLKCF](#) [R1966ABLKBLKEFBLU](#) [R1966ABLKBLKIG](#) [R1966DBLKBLKCS](#) [R1966EBLKBLUEF](#)
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