JP1 and JP6 break out all four component pins. The two headers are breadboard compatible. If multiple switches are connected in a matrix, the SWITCH2 and LED cathode pins can be interconnected to form the ROWS of a matrix. SJ2 shorts across D1, effectively removing the diode from the circuit.

Switch Characteristics
- 12 VAC/DC max
- 2 VDC min
- 10mA AC/DC max
- 10uA DC min

SJ1 shorts across R1, effectively removing the resistor from the circuit.

JP2, 3, 4, and 5 break out the LED anode and switch pin 1. If multiple switches and/or LEDs are connected in a matrix, these pins can be interconnected to form the COLUMNS of the matrix. The four headers are arranged to allow connecting boards straight-on, or at 3/8" or 3/16" offsets.

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