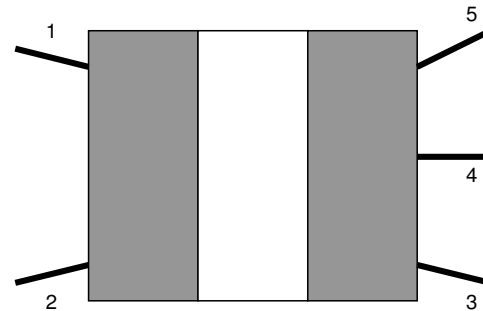
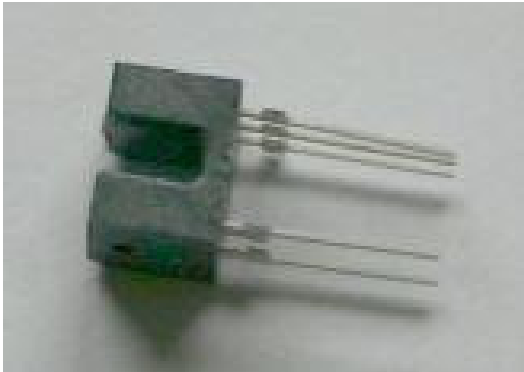


SENS-2 documentation

This is a very small SMD IR interruptor. I have no specifications at all, below is what I have measured using a multimeter. Notes: the drawing is from the top, the four outer pins are 2.54 mm apart (standard grid).



Connections:

1	1 k Ω to +5 Volt
2	ground
3	ground
4	don't connect
5	47 k Ω to + 5 Volt

Pins 1 and 2 connect to the IR emitter. With 1 k Ω to +5 Volt the emitter draws 4 mA. The pins 3, 4, and 5 are emitter, base and collector of the detector transistor. The voltage 5 is 0.18 Volt when the IR is not blocked, 4.47 Volt when it is blocked.