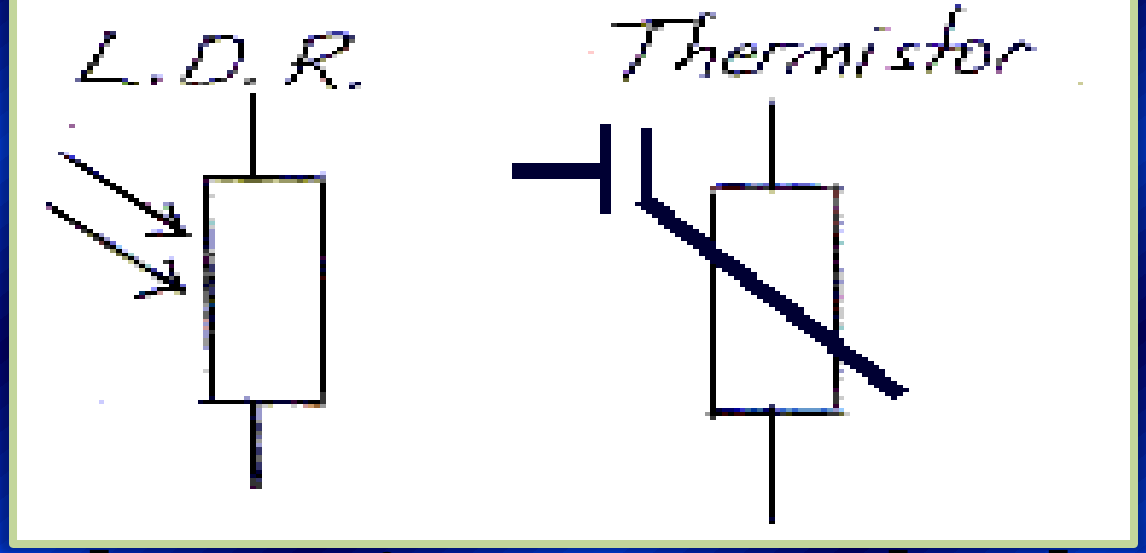


Thermistors and Ldrs

By **Chelsey Richardson**

Year 10

Servals

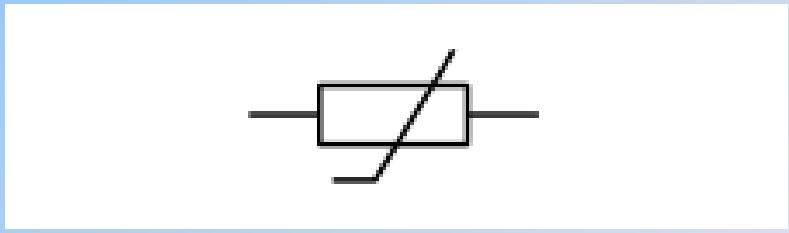
Thermistors

Thermistors are designed so that their resistance depends on temperature.

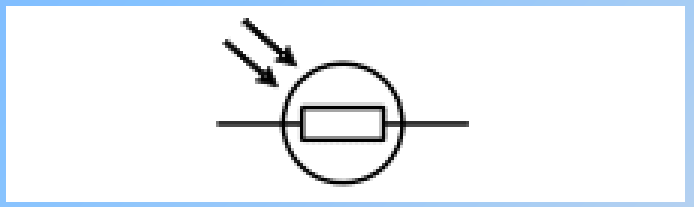
When subjected to low temperatures, the resistance of a Thermistors is high.

When subjected to a high temperature, the resistance of a Thermistors is low.

Their resistance decreases as the temperature increases.



Ldrs



LDRs are designed so that their resistance depends on the brightness of light falling on them.

In the dark and at low light levels, the resistance of an LDR is high, and little current can flow through it.

In bright light, the resistance of an LDR is low, and more current can flow through it.

Their resistance decreases as the light intensity increases.