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| --- | --- | --- | --- | --- |
| Resistance | | | | |
| Symbol | Schematic | | Units | Formula |
| R |  | | Ohms (Ω) |  |
| Definition | |
| The measure of the difficulty that electric current has when passing through a conductor or component. | |
|  | | | Resistive Series Circuit | |
| Formulas | |
|  |  |
|  | Same current passes through all devices. |
|  | |  |
|  | |  | Resistive Parallel Circuit | |
|  | | |
| Formulas | |
|  | Same voltage present across all devices. |
|  |  |
|  |  |