Resistar

A resistor is an electrical component that rusists the flow of electrical

Resistence is measured in units of ohms (a) and named after bearge OHm, whose law COHMIS Law) defines the furdemental relationship between voltage, current, and nexistence.

Schemenic Symbol Physicen Component

Resistor Types and Package Styles

Carbon Film Resider

Variateu

Petermining Resistor Volue

Color Code
Resistors are bubled with color burds
ther specify the resister nominal wave
the nominal value is the resister face value

Measured Vomue
A DMM can be used to museum the
Cectaen value of a presistor

Example #1

16 × 102 ± 5%

= 1600 st 5%

Example #2

39 × 105 ±5%

3,00,000 a ± 5%

Example #3

Brown, Green, Red, Gold

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| 6 Title: Component la | dentification: A | Analog | |
| | | | en |
| A Capacitor is an el | ectronic comp | ponent that can be used to store a | 1 |
| Rlectrical charge. | | temporary array. | Stan |
| Capicitors un often | used in elect | tranic circults as temporary among. | *** |
| | NANAS | and some versued catter Wichard | 4-19 |
| Foraday a British | the mist who | contributed significantly to the Steely of | 2 |
| electro mag | nictism. | | |
| XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | RIKLENI. | | |
| Salumeric | O wigu | | |
| Schumutic Symbol | Dyshicu Com | ponent \ Quo | |
| | ************************************** | | |
| Cereanic Disc | | | |
| Capacifors Mylear/Icentalium | Electrolytic | | |
| Monal ithic Quanti | Cupacita | | |
| Capacifor Value Interp | | 4,00 | 5 |
| 472 | | 4100pt ± 10% | |
| | | | |
| First Second # o Dight Digit Electronic Display Co | £ 20005 +01 | luara | |
| Flack Digit Digit | | | |
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