



AVR 0201 Series Chip Varistor Kit

Commercial Grade Multilayer Chip Varistor Kit



The TDK AVR Series Chip Varistors are used as a countermeasure for surge voltage and static electricity. AVR series varistors have excellent electrostatic absorption capability with as good or better response than Zener diodes. A Zener diode + capacitor combination can be replaced with an AVR series varistor, reducing footprint and total mounting cost.

Features

- No polarity due to symmetrical current-voltage characteristics
- Excellent mount reliability
- Standard operating temperature range of -40°C to $+85^{\circ}\text{C}$
- Storage temperature range of -40°C to $+85^{\circ}\text{C}$ (after PC board mounting)

Commercial

Multilayer

Voltage Protection



Application Examples

Consumer Product

Mobile phone
 Digital video camera
 Digital camera
 Notebook PC

Application

Data terminal
 LCD panel
 Touch panel
 Battery terminal

[Datasheet](#)

AVR 0201 Series Chip Varistor Kit Includes:

Case Size: 0.6 x 0.3mm (EIA 0201)
Varistor Voltage (Breakdown Voltage): 6.8-39V
Rated Voltage (max.): 3.5-25V
Capacitance: 1.1-330pF

Now Available at:



[445-174552-KIT-ND](#)

Click the link above for ordering information.

AVR 0201 Series Chip Varistor Kit Includes:

| Digi-Key Part Number | TDK Item List | Item Description |
|----------------------|--------------------|--------------------|
| 445-174552-KIT-ND | AVRL061E1R1NTA | 0201, 1.1pF, 39V |
| | AVRM0603C080MT101N | 0201, 100pF, 8V |
| | AVRM0603C120MT101N | 0201, 100pF, 12.8V |
| | AVRM0603C120MT150N | 0201, 15pF, 12.8V |
| | AVR-M0603C120MTAAB | 0201, 100pF, 12V |
| | AVRM0603C200MT150N | 0201, 15pF, 20V |
| | AVRM0603C6R8NT101N | 0201, 100pF, 6.8V |
| | AVRM0603C6R8NT331N | 0201, 330pF, 6.8V |