## PANASONIC® ERA 0603/0805

### 1% METAL FILM CHIP RESISTORS

**Surface Mount — Available In 1/16 and 1/10 Watt**

### 5% CARBON FILM RESISTORS

Available In 1/8, 1/4 and 1/2 Watt

### Standard Resistor Values

See below for complete part numbers when ordering.

<table>
<thead>
<tr>
<th>Value</th>
<th>Range</th>
<th>Di-Check Part No.</th>
<th>Pricing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8 Watt</td>
<td>5% Carbon Film Resistors</td>
<td>Value + &quot;B&quot; or &quot;ND&quot;</td>
<td>$297.00</td>
</tr>
<tr>
<td>1/4 Watt</td>
<td>5% Carbon Film Resistors</td>
<td>Value + &quot;B&quot; or &quot;ND&quot;</td>
<td>$16.95</td>
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### General Specifications

- **Description:**
  - Type (Power Rating): L, D, d
  - Dimensions (mm): L, D, d
  - Max. Working Voltage: 50V
  - Max. Overload Voltage: 500V
  - Rated Ambient Temperature: -5°C to 115°C
  - Temperature Coefficient: ±0.25% ±0.05%
  - Rating: 1/8 Watt, 5% Carbon Film Resistors

### Features:

- Industry's lowest cost!
- Available in 1/8, 1/4, 1/2 watt; packaged in bulk or tape/reel (except 1/2 watt)
- Exceeds carbon comp MIL-R-11 performance
- Standard tolerance: ±0.5%
- Exceptional long-term stability

### Resistor Assortment

- **1/8 Watt Resistor Assortment**
  - Set of 5 each of 73 standard 5% 1/8 watt carbon film resistors in the series 1.0 - 4.7 megohms (320 total pieces).
  - RS122-ND...$16.99
  - RS220-ND...$219.00

- **1/4 Watt Resistor Assortment**
  - Set of 5 each of 73 standard 5% 1/4 watt carbon film resistors in the series 1.0 - 4.7 megohms (320 total pieces).
  - RS212-ND...$16.99
  - RSQ200-ND...$399.00

- **1/2 Watt Resistor Assortment**
  - Set of 5 each of 73 standard 5% 1/2 watt carbon film resistors in the series 1.0 - 4.7 megohms (320 total pieces).
  - RS150-ND...$16.95
  - RS250-ND...$297.00

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**Digi-Key Pricing**

- **Value**
- **Digi-Key Pricing**
- **PANASONIC**
- **ERA 0603/0805**
- **1/16 Watt, 5% Carbon Film Resistors**
- **1/4 Watt, 5% Carbon Film Resistors**
- **1/8 Watt, 5% Carbon Film Resistors**

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**Features**

- High reliability
- Low TCR and current noise
- Excellent non-linearity

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### Characteristics

- **Terminal Strength**
- **Soldering**
- **Temperature Change**
- **Vibration**
- **Moisture Resistance**
- **Load Life**
- **Dielectric Strength**
- **Insulation Resistance**
- **Short-Time Overload**
- **Voltage Coefficient**
- **Solvents Resistance**

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**Type (Power Rating)**

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<th>Type</th>
<th>Max. RCVV</th>
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**Digi-Key Part No.**

- **5**
- **200**
- **1M**
- **5M**
- **10M**
- **50M**

**Pricing**

- **$297.00**
- **$16.95**
- **$16.95**

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### RS212-ND

- **Description:**
  - 1/2 Watt, 5% Carbon Film Resistors
  - Bulk Package

### RS220-ND

- **Description:**
  - 1/4 Watt, 5% Carbon Film Resistors
  - Bulk Package

### RSQ200-ND

- **Description:**
  - 1/8 Watt, 5% Carbon Film Resistors
  - Bulk Package

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**Order in multiples of 5,000** (i.e. 1.0QTR-ND)

- **$8.94/M**
- **$8.25/M**
- **$6.60/M**

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<td>560 - 33K</td>
<td>P + Value + &quot;YTR-ND&quot;</td>
<td>$14.95</td>
</tr>
<tr>
<td>1/16 W, 0603, 1% Chip Resistors; Tape &amp; Reel (200 pkg.)</td>
<td>560 - 33K</td>
<td>P + Value + &quot;YCF-ND&quot;</td>
<td>$14.95</td>
</tr>
<tr>
<td>1/10 W, 0805, 1% Chip Resistors; Tape &amp; Reel (5000 pkg.)</td>
<td>560 - 100K</td>
<td>P + Value + &quot;ZTR-ND&quot;</td>
<td>$14.95</td>
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