Thick Film Resistor/Capacitor Networks,
Single-In-Line, Conformal Coated SIP

FEATURES

- Isolated and bussed schematics available
- Thick film resistors
- NP0 or X7R capacitors for line terminator
- Wide operating temperature range
  (-55 °C to 125 °C)
- Custom Resistor/Capacitor schematics available
- Material categorization: For definitions of compliance please see www.vishay.com/doc?99912

Note
* Lead (Pb)-containing terminations are not RoHS-compliant. Exemptions may apply.

STANDARD ELECTRICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SCHEMATIC</th>
<th>POWER RATING $P_{T0}$ W</th>
<th>RESISTANCE RANGE Ω</th>
<th>RESISTANCE TOLERANCE (%)</th>
<th>TEMP. COEFF. ± ppm/°C</th>
<th>RESISTANCE VALUE</th>
<th>TYPE (%)</th>
<th>CAPACITANCE RANGE</th>
<th>CAPACITANCE TOLERANCE (%)</th>
<th>CAPACITANCE VOLTAGE $V_{DC}$</th>
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</thead>
<tbody>
<tr>
<td>TRC</td>
<td>01</td>
<td>0.20</td>
<td>10 to 1M</td>
<td>1, 2, 5</td>
<td>150</td>
<td></td>
<td>NP0</td>
<td>33 pF to 3900 pF</td>
<td>10, 20</td>
<td>50</td>
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<td>X7R</td>
<td>470 pF to 0.1 μF</td>
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</tbody>
</table>

Notes
(1) ±2 % standard, ±1 % and ±5 % available
(2) NP0 capacitors may be substituted for X7R capacitors
(3) Tighter tolerances available on request

GLOBAL PART NUMBER INFORMATION

New Global Part Numbering: TRC0801N101J560KTB (preferred part number format)

Historical Part Numbering: TRC0801101J560KS10 (will continue to be accepted)

Notes
- For additional information on packaging, refer to the Through-hole Network Packaging document (www.vishay.com/doc?731542).

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For technical questions, contact: te1resistors@vishay.com

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SCHEMATICS

Note
- Custom schematics available

DIMENSIONS in inches (millimeters)

Note
- Other sizes available
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