Features
- Resistance range: 100 ohms to 1 megohm
- SIP and DIP packages
- Surface mount and through-hole available
- RoHS compliant* (see How to Order “Termination” option)

For information on R/2R Thick Film Networks, download Bourns’ R/2R Application Note.

R/2R Series Thick Film Networks

Product Characteristics
Resistance Range
Models 4100, 4300, 4400 & 4800
           100 ohms to 100K ohms
Model 4600...100 ohms to 1 megohm
Standard Tolerance ....................... ±2 %

See applicable model data sheet for complete list of product characteristics.

Environmental Characteristics
See applicable model data sheet for complete list of environmental characteristics.

Physical Characteristics
See applicable model data sheet for complete list of physical characteristics.

Typical Part Marking
Represents total content. Layout may vary.

How To Order
4116R - R2R - 501
(See “Available Models”)

R2R = Standard R/2R**
121 = Reversed R/2R***

Resistance Code (for value of R)
• First 2 digits are significant; third digit represents the number of zeros to follow.
• 2R is double the value of R in circuit.

Terminations
LF = Tin-coated (RoHS compliant version) (Model 4416P is ONLY available in the RoHS compliant version.)
Blank = Tin/Lead (Model 4416P is not available with tin/lead terminations.)

**Standard R2R Electrical Configuration not available for Model 4600H Series.
***Reversed R/2R Electrical Configuration not available for Model 4600H, 4600M or 4600X Series.

For Standard Values Used in Capacitors, Inductors, and Resistors, click here.

Power Derating Curve

Power Rating per Resistor

<table>
<thead>
<tr>
<th>Model</th>
<th>Power per Resistor (Watts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4100R, 4300R, 4400P, 4600X***, 4800P</td>
<td>0.125</td>
</tr>
<tr>
<td>4300M, 4600M***</td>
<td>0.170</td>
</tr>
<tr>
<td>4300H</td>
<td>0.200</td>
</tr>
</tbody>
</table>

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Users should verify actual device performance in their specific applications.
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