



WWW.BARRYIND.COM

# RP0502ZZ-XXXXWN-YY\*

## BeO or Alumina

## WRAP AROUND CHIP RESISTOR

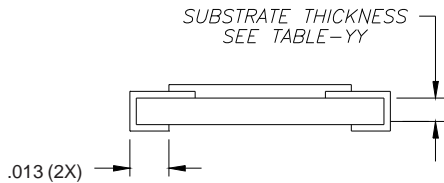
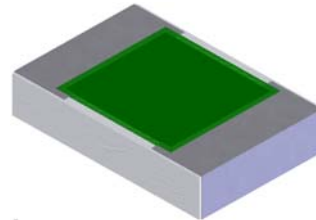
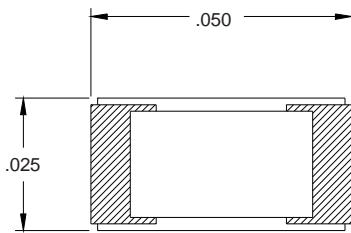
### Features:

- ◆ BeO or Alumina material
- ◆ Wrap Around
- ◆ Available in .5 ohm to 1 Mohm

### General Description:

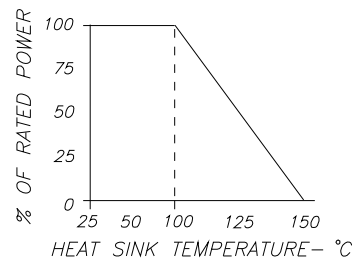
The RP0502ZZ-XXXXWN-YY\* series is a wrap around style chip resistor. It offers a small package design available in BeO or Alumina material.

\* See below for ordering options.



- All Dimensions in inches
- Tolerance  $\pm .005$
- Full part number (RP0502ZZ-XXXXWN-YY)  
Example part number (RP0502CT-50R0JN-91)
- Dimensions apply before tinning

DERATING CURVE:



<p><b>*R P 0502 ZZ</b></p> <p>Resistor</p> <p>Wrap Around</p> <p>Size</p>	<p><b>- XXXX</b></p> <p>Ohms</p> <table border="0"> <tr><td>0.5</td><td>R500</td></tr> <tr><td>1</td><td>1R00</td></tr> <tr><td>10</td><td>10R0</td></tr> <tr><td>50</td><td>50R0</td></tr> <tr><td>100</td><td>1000</td></tr> <tr><td>150</td><td>1500</td></tr> <tr><td>1K</td><td>1001</td></tr> <tr><td>10K</td><td>1002</td></tr> <tr><td>100K</td><td>1003</td></tr> <tr><td>470K</td><td>4703</td></tr> <tr><td>1M</td><td>1004</td></tr> </table>	0.5	R500	1	1R00	10	10R0	50	50R0	100	1000	150	1500	1K	1001	10K	1002	100K	1003	470K	4703	1M	1004	<p><b>W N - YY</b></p> <p>(N)ormal Inspection</p> <p>Thickness and Material</p> <p>-91 - .015" Alumina - .15 Watts</p> <p>-96 - .015" BeO - .35 Watts</p> <p>Tolerance</p> <table border="0"> <tr><td>F</td><td>- 1%</td></tr> <tr><td>G</td><td>- 2%</td></tr> <tr><td>J</td><td>- 5%</td></tr> <tr><td>K</td><td>- 10%</td></tr> <tr><td>L</td><td>- 20%</td></tr> <tr><td>X</td><td>= Special</td></tr> </table>	F	- 1%	G	- 2%	J	- 5%	K	- 10%	L	- 20%	X	= Special
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<p><b>Termination Material and Finish</b></p> <p><b>BA</b> - available on Alumina: Palladium Silver, Epoxy Mount, <b>RoHS Compliant</b></p> <p><b>CB</b> - available on Alumina &amp; BeO: Tin Lead over Nickel over Silver, Solder Mount, NOT RoHS</p> <p><b>CT</b> - available on Alumina &amp; BeO: Matte Tin over Nickel over Silver, Solder Mount, <b>RoHS Compliant</b></p> <p><b>GA</b> - available on Alumina: Gold, Epoxy Mount, Wire Bond, <b>RoHS Compliant</b></p> <p><b>JA</b> - available on BeO: Gold over Platinum Gold, Epoxy Mount, Wire Bond, <b>RoHS Compliant</b></p>																																				

Barry Industries reserves the right to change part number and or process without notification

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Barry Industries maintains an ISO 9001 Certified Quality Management System

Origination Date	Revision Date	Rev.
11/05/12	11/05/12	-