

## Customer Special Ribwound Resistor (CS61), Wirewound Resistors, Industrial Power, Tubular, Fixed, Adjustable, RBEF, RBSF, RBEA, RBSA


**RoHS**  
COMPLIANT

### CAPABILITIES

- Customer special design options include
  - Electrical: Tolerance, wattage, resistance, dielectric withstanding voltage, surge ability, temperature coefficient
  - Mechanical: Overall dimensions, mounting type, and configuration, insulation
  - Connection: Wire leads, connectors, terminal type, size, set-in, and material
- Material categorization: for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)

### CONTACT INFORMATION

For design assistance, contact: [vishaymilwaukeeeresistor@vishay.com](mailto:vishaymilwaukeeeresistor@vishay.com)

### STANDARD PRODUCT DATASHEET

|            |  |
|------------|--|
| RBEF, RBSF | <a href="http://www.vishay.com/doc?31807">www.vishay.com/doc?31807</a> |
| RBEA, RBSA | <a href="http://www.vishay.com/doc?31809">www.vishay.com/doc?31809</a> |

### GLOBAL PART NUMBER INFORMATION

Global Part Numbering example: CS610300R3000B1234 (CS61 300 W 0.3  $\Omega$  Bulk 1234)

|                     |          |                      |          |  |          |  |          |                        |          |  |          |          |          |          |          |          |          |
|---------------------|----------|----------------------|----------|--|----------|--|----------|------------------------|----------|--|----------|----------|----------|----------|----------|----------|----------|
| <b>C</b>            | <b>S</b> | <b>6</b>             | <b>1</b> | <b>0</b>   | <b>3</b> | <b>0</b>   | <b>0</b> | <b>R</b>               | <b>3</b> | <b>0</b>   | <b>0</b> | <b>0</b> | <b>B</b> | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> |
| MODEL<br>(2 digits) |          | TYPE<br>(2 digits)   |          | SIZE<br>(4 digit)  |          | VALUE<br>(5 digits)  |          | PACKAGING<br>(1 digit) |          | SPECIAL<br>(4 digits)  |          |          |          |          |          |          |          |
| <b>CS</b>           |          | <b>61</b> = Ribwound |          | Sample Sizes:<br><b>K</b> = Thousand<br><b>0300</b> = 300 W<br><b>19K5</b> = 19.5 kW |          | Sample Sizes:<br><b>L</b> = m $\Omega$<br><b>R</b> = Decimal<br><b>K</b> = Thousand<br><br><b>5L000</b> = 0.005 $\Omega$<br><b>R1500</b> = 0.15 $\Omega$<br><b>1K500</b> = 1.5 k $\Omega$<br>resultant wattage |          | <b>B</b> = Bulk        |          | Allowable range:<br>0000 to ZZZZ<br>alphanumeric<br><br><b>1234</b> = Internal<br>customer drawing<br>number |          |          |          |          |          |          |          |



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