TECHNICAL DATA SHEET

VISHAY

RCMC500L2R00KB

Resistors

PRODUCT PHOTO



Electrical Specifications

Resistance Value	**2 Ohm**
Tolerance	**10 %**
Temperature Coefficient	**± 150 ppm/°C**

Technical Specifications

Nominal power rating at 70 °C	**500 W**
Operating temperature range	**-55 °C to +125 °C**
Maximum operating voltage	**5000 V**
Dielectric strength VRMS (50 Hz / 1 min)	**5000 V**
Creepage distance	**42 mm**
Clearance distance	**12 mm**
Capacitance: ground	**120 pF**
Capacitance: parallel	**40 pF**

Physical Specifications

Weight (max.)	**120 g**

General Information

Technology	**Thick film metal on ceramic**

Mechanical Specifications

UL 94 flame classifications	**V-0**
Resistive element	**NiCr alloy**

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Mechanical Specifications (continued)

Substrate	**Alumina**
Encapsulation	**Resin filled case**

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