

Model No.

WCR**

■ Features

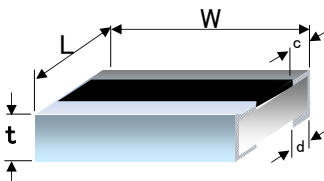
- The long-side electrode structure enables [high-power capability](#).
(capable of handling 1–2 higher power ratings compared to similar-sized products)
- Capable of handling high power, [reduces the number of components used and minimizes component footprint](#).
- The long-side electrode structure enables [High reliability for solder joints](#).
- The long-side electrode structure provides [heat suppression](#).

Covers a [wide Resistance Value range](#) from 1 Ω to 1M Ω.

- Compliant with [European RoHS Compliance](#).

■ Dimensions

(Unit: mm)



Model	L	W	t	c	d
WCR20	1.20±0.15	2.00±0.15	0.55±0.10	0.30±0.20	0.40±0.20
WCR32	1.60±0.15	3.20±0.15	0.55+0.15/-0.05	0.30±0.20	0.50±0.20
WCR50	2.50±0.20	5.00±0.20	0.56±0.15	0.50±0.20	0.60±0.20
WCR64	3.20±0.20	6.30±0.20	0.56±0.15	0.50±0.20	0.90±0.20

■ Specifications

Model	Rated Power (W)	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/° C)	Max. Working voltage	Max. Overload voltage
WCR20※2	0.50	F (±1%)	1~9.1	±200	200V	400V
WCR32	0.75		100 to 9.1k	±100		
WCR50	1.0		10k to 1M	±200		
WCR64	2.0	J (±5%)	1 to 1M	±200		

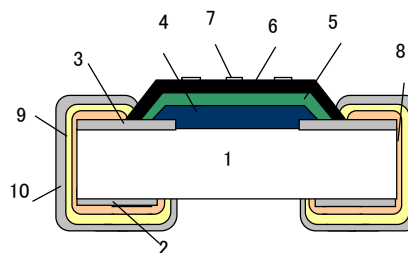
※The bolded sections are common

※1 Operating Temperature Range: -55 to +155° C

※2 Limited to use at terminal temperatures of 120° C or below

■ Structure

No.	Component Name
1	Ceramic Substrate
2	Back Electrode
3	Surface Electrode
4	Resistor
5	Protective coat I
6	Protective coat II
7	Marking
8	Side Electrode
9	Ni Plating
10	Sn Plating



*Design and specifications are subject to change without notice. Please confirm before purchase and use.