

Model No.

WLCR**

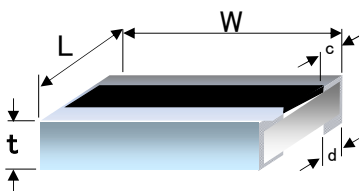
■ Features

- 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 [low Resistance Value range](#) from 10 mΩ to 976 MΩ.

■ Dimensions



(Unit: mm)

Model	L	W	t	c	d
WLCR20	1.20±0.15	2.00±0.15	0.55±0.10	0.30±0.20	0.40±0.20
WLCR32	1.60±0.15	3.20±0.15	0.55+0.15/-0.05	0.30±0.20	0.50±0.20
WLCR50	2.50±0.20	5.00±0.20	0.56±0.15	0.50±0.20	0.60±0.20
WLCR64	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
WLCR20※2	0.50	F (±1%)	100m to 976m	±200	200V	400V
WLCR32	0.75	J (±5%)	10m to 33m	±500		
WLCR50	1.0		36m to 91m	±350		
WLCR64	2.0		100m to 910m	±200		

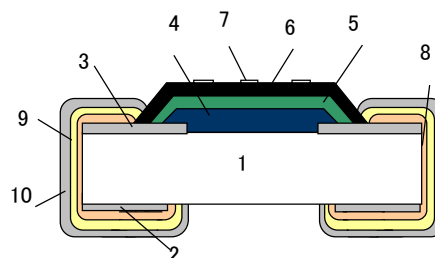
※The bolded sections are common

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

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

■ Construction

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.