

Wide Terminal Type Chip Resistor

Hokuriku Electric Industry Co.,Ltd



[Model No.]

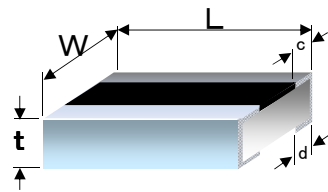
WLCR**/WCR**

[Features]

- Due to wide side terminal, high power handling was achieved.
(Compared to same size other type, 1~2 higher rank is possible)
- Due to high power capability,
number of resistors, its occupied area can be reduced.
- Due to wide side terminal structure,
solder joints hold high reliability.
- Wide side terminal structure has effect of suppressing heat generation.
- 10mΩ ~ 1MΩ, wide resistance range is covered.
- Europe RoHS compliant product.



[Dimensions]



(Unit: mm)

Model No.	L	W	t	c	d
WLCR32 WCR32	3.20±0.15	1.60±0.15	0.55 ^{+0.15/-0.05}	0.30±0.20	0.50±0.20
WLCR50 WCR50	5.00±0.20	2.50±0.20	0.56±0.15	0.50±0.20	0.60±0.20
WLCR64 WCR64	6.30±0.20	3.20±0.20	0.56±0.15	0.50±0.20	0.90±0.20

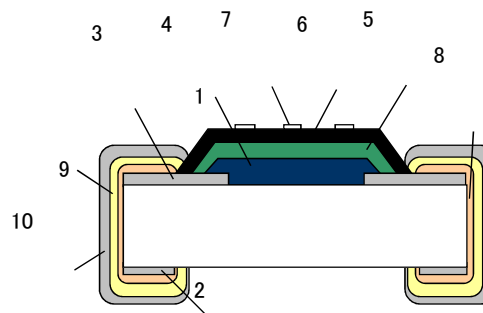
[Specification]

Model No.	Rated power (W)	Tolerance	Range (Ω)	TCR (ppm/°C)	Max. Working voltage	Max. Overload voltage
WLCR32	0.75	F(±1%) J(±5%)	100m~976m	±200	200V	400V
WLCR50	1.0		10m~33m	±500		
WLCR64	2.0		36m~91m	±350		
			100m~910m	±200		
WCR32	0.75	F(±1%) J(±5%)	1~91	±200	200V	400V
WCR50	1.0		100~9.1k	±100		
WCR64	2.0		10k~1M	±200		
			1~1M	±200		

※Operating temperature range : -55~+155°C

[Structure]

No.	Element Name
1	Ceramic substrate
2	Back electrode
3	Top electrode
4	Resistive element
5	Protective coat I
6	Protective coat II
7	Marking
8	Side electrode
9	Ni plating
10	Sn plating



* Design-specification are subject to change without prior notice. Please check before purchase and use.

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