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.

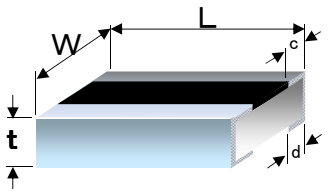
■Wide side terminal structure has effect of suppressing heat generation.

■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/℃)	Max. Working voltage	Max. Overload voltage
WLCR32	0.75	F(±1%)	100m～976m	±200	200V	400V
WLCR50	1.0	J(±5%)	10m～33m	±500		
WLCR64	2.0		36m～91m	±350		
			100m～910m	±200		

★Specifications in bold line is common to WLCR32, WLCR50, WLCR64

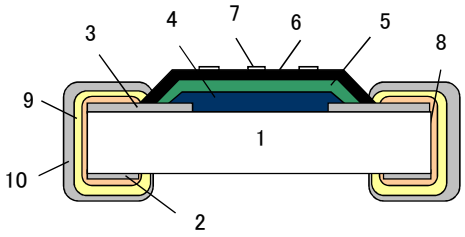
Model No.	Rated power (W)	Tolerance	Range (Ω)	TCR(ppm/℃)	Max. Working voltage	Max. Overload voltage
WCR32	0.75	F(±1%)	1～91	±200	200V	400V
WCR50	1.0		100～9.1k	±100		
WCR64	2.0		10k～1M	±200		
		J(±5%)	1～1M	±200		

★Specifications in bold line is common to WCR32, WCR50, WCR64

※Operating temperature range : −55～+155℃

[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.