

# Sulfurization-proof Type Wide Terminal Chip Resistor

Hokuriku Electric Industry Co.,Ltd



## 【Model Number】

WCRES\*\*

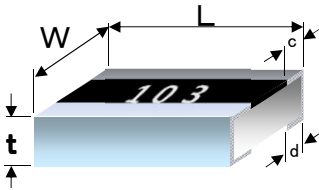
## 【Features】

- This is [high power type sulfurization-proof by wide terminal](#).
- [Use of special material for top electrode](#) provides [excellent sulfurization characteristic](#).
- By [high power capability, reduction of mounting area](#) is possible.
- By making [terminal wide side \(terminal area increased\)](#), [higher reliability at solder joint](#) was realized.
- Large terminal area provides [excellent heat radiation](#), and help [suppress heat generation of circuitry](#).
- [Reflow, Flow solderings](#) are applicable.
- [Europe RoHS compliant product](#).



## 【Dimensions】

(Unit: mm)



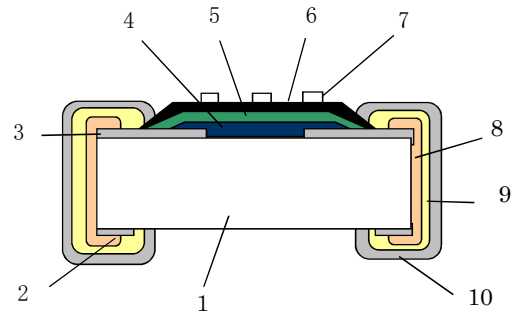
Model No.	L	W	t	c	d
WCRES32	3.20±0.15	1.60±0.15	0.55 +0.15/-0.05	0.30±0.20	0.50±0.20
WCRES50	5.00±0.20	2.50±0.20	0.56±0.15	0.50±0.20	0.60±0.20
WCRES64	6.30±0.15	3.20±0.15	0.56±0.15	0.50±0.20	0.90±0.20

## 【Specification】

Model No.	Rated power (W)	Tolerance	Range (Ω)	TCR (ppm/°C)	Max.Working Voltage	Max.Overload Voltage
WCRES32	0.75	F (±1%) J (±5%)	1~1M	±200	200V	400V
WCRES50	1.0					
WCRES64	2.0					

## 【Structure】

Model No.	WCRES32 / WCRES50 / WCRES64
No.	Element Name
1	Ceramic substrate
2	Back electrode
3	Special 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.