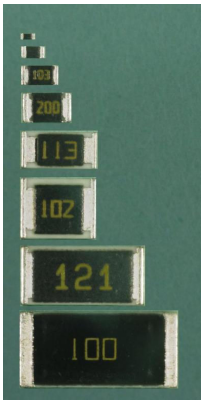
Sulfurization-proof Type Chip Resistor

Hokuriku Electric Industry Co.,Ltd

[Model No.]

CRES**

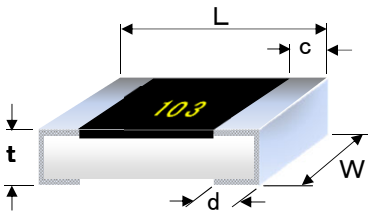


[Features]

- Use of special material for top electrode provides excellent anti-sulfurization characteristic.
- Compared to normal type, 20 times or more of durability was achieved
- Miniature size or Network types are also available.
- Reflow, Flow solderings are applicable
- Europe RoHS compliant product.

[Dimensions]

(Unit:mm)



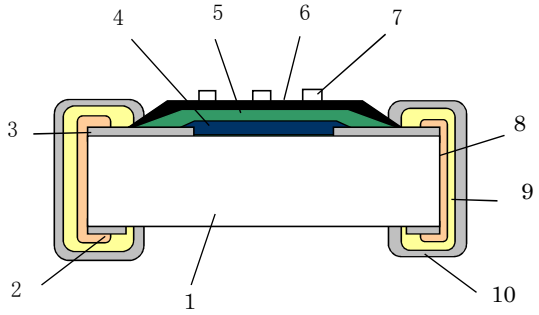
Model No.	L	W	t	c	d
CRES06	0.60±0.03	0.30±0.03	0.23±0.03	0.12±0.05	0.15±0.05
CRES10	1.00±0.05	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10
CRES16	1.60±0.15	0.80±0.15	0.50±0.10	0.25±0.20	0.25±0.20
CRES20	2.00±0.15	1.25±0.15	0.50±0.10	0.40±0.20	0.40±0.20
CRES32	3.20±0.15	1.60±0.15	0.56±0.15	0.50±0.20	0.50±0.20
CRES35	3.20±0.15	2.60±0.15	0.56±0.15	0.50±0.20	0.50±0.20
CRES50	5.00±0.15	2.50±0.15	0.56±0.15	0.60±0.25	0.60±0.20
CRES64	6.30±0.15	3.20±0.15	0.56±0.15	0.60±0.25	0.60±0.25

[Specification]

Model No.	Rated power (W)	Tolerance	Range (Ω)	TCR (ppm/℃)	Max.Working Voltage	Max.Overload Voltage
CRES06	0.050	F (±1%) G (±2%) J (±5%)	10～1M	±250	25V	50V
CRES10	0.063				50V	100V
CRES16	0.100					
CRES20	0.125				150V	200V
CRES32	0.250				200V	400V
CRES35	0.250					
CRES50	0.500					
CRES64	1.000	G (±2%) J (±5%)	10～1M	±300		

[Structure]

Model No.	CRES06, CRES10	CRES16, CRES20, CRES32, CRES35, CRES50,CRES64
No.	Element Name	
1	Ceramic substrate	
2	Back electrode	
3	Special electrode	
4	Resistive element	
5	Protective coat Ⅰ	
6	Protective coat Ⅱ	
7	No Marking	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.