

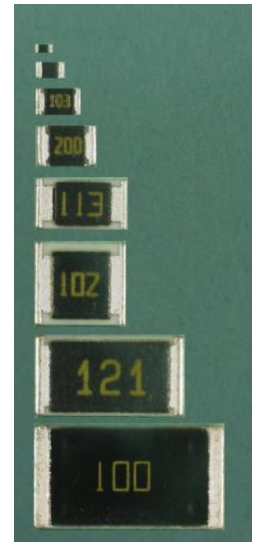
Model No.

CRES**

■ Features

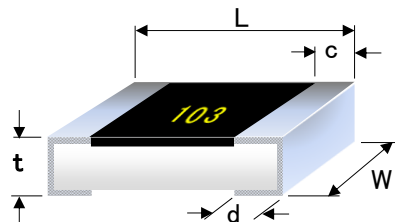
- By using a special surface electrode material, It exhibits excellent sulfur resistance characteristics.
- Offers over 20 times the durability compared to standard products.
- Small sizes and network types are also available.

Compatible with reflow and Flowsoldering.



(Unit: mm)

■ Dimensions



Model	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

■ Specifications

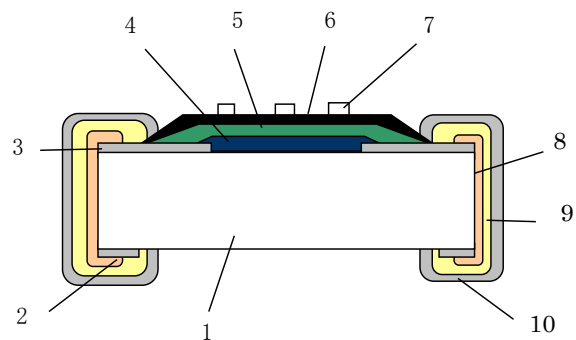
Model	Rated Power (W)	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/° C)	Max. Working voltage	Max. Overload voltage
CRES06	0.050	F-grade (±1%) G-grade (±2%) J-grade (±5%)	10 to 1M	±250	25V	50V
CRES10	0.100※1				50V	100V
CRES16	0.125				150V	200V
CRES20	0.250※1				200V	400V
CRES32	0.250	G-grade (±2%) J-grade (±5%)	10 to 1M	±300	200V	400V
CRES35	0.500					
CRES50	0.750					
CRES64	1.000					

*Operating temperature range: -55 to +155° C

※1 Short-time overload condition: 2.5 times Rated Voltage applied for 5 seconds ⇒ 1.5 times Rated Voltage applied for 5 seconds.

■ Construction

Product Name	CRES06, CRES10	CRES16, CRES20, CRES32, CRES35, CRES50, CRES64
No.	Component Name	
1	Ceramic Substrate	
2	Back Electrode	
3	Special Electrode	
4	Resistor	
5	Protective coat I	
6	Protective coat II	
7	No Marking	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.