

Model No.

SCRS**



■ Features

- This Chip Resistor excels in surge withstand voltage.
The one-pulse limit characteristics are twice those of standard Chip Resistors.
 - Using a special surface electrode material enables excellent sulfidation characteristics.
 - Offers over 20 times the resistance compared to standard products.
 - Small sizes and network types are also available.
 - Compatible with Reflow and Flow soldering.
- Compliant with European RoHS Compliance.

(Unit: mm)

■ Dimensions

Model	L	W	t	c	d
SCRS16	1.60±0.15	0.80±0.15	0.50±0.10	0.25±0.20	0.25±0.20
SCRS20	2.00±0.15	1.25±0.15	0.50±0.10	0.40±0.20	0.40±0.20
SCRS32	3.20±0.15	1.60±0.15	0.56±0.15	0.50±0.20	0.50±0.20
SCRS35	3.20±0.15	2.60±0.15	0.56±0.15	0.50±0.20	0.50±0.20
SCRS50	5.00±0.15	2.50±0.15	0.56±0.15	0.60±0.25	0.60±0.20

■ Specifications

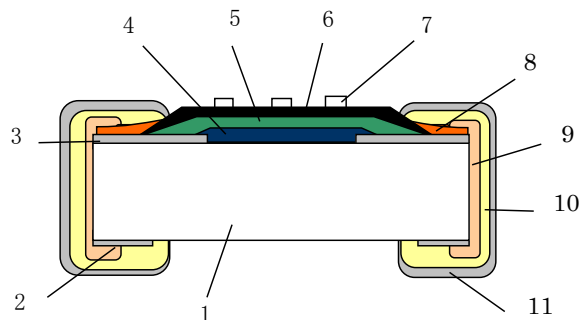
Model	Rated Power (W)	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/°C)	Max. Working voltage	Max. Overload voltage
SCRS16	0.200	F-grade (±1%)	10 to 1M	±250	50V	100V
SCRS20	0.250				150V	200V
SCRS32	0.330	G-grade (±2%)			200V	400V
SCRS35	0.500	J-grade (±5%)				
SCRS50	0.750					

*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.

■ Structure

Product Name	CRS16	CRS50, CRS35, CRS32, CRS20
No.	Component Name	
1	Ceramic Substrate	
2	Back Electrode	
3	Surface Electrode	
4	Resistor	
5	Protective coat I	
6	Protective coat II	
7	No Marking	Marking
8	Protective coat III	
9	Side Electrode	
10	Ni Plating	
11	Sn Plating	



*Design and specifications are subject to change without notice. Please confirm before purchase and use.