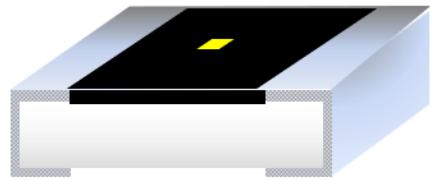


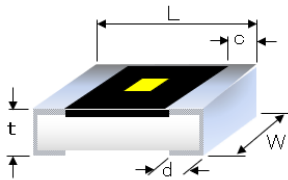
Surge-resistant, sulfur-resistant chip Fixed Resistor

Model No. **SCRES****

- **Features**
 - This Chip Resistor excels in surge withstand voltage. the one-pulse limit characteristics are twice that 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.



■ Dimensions



(Unit: mm)

Model	L	W	t	c	d
SCRES16	1.60±0.15	0.80±0.15	0.50±0.10	0.25±0.20	0.25±0.20
SCRES20	2.00±0.15	1.25±0.15	0.50±0.10	0.40±0.20	0.40±0.20
SCRES32	3.20±0.15	1.60±0.15	0.56±0.15	0.50±0.20	0.50±0.20
SCRES35	3.20±0.15	2.60±0.15	0.56±0.15	0.50±0.20	0.50±0.20
SCRES50	5.00±0.15	2.50±0.15	0.56±0.15	0.60±0.25	0.60±0.20
SCRES64	6.30±0.15	3.20±0.15	0.56±0.15	0.60±0.25	0.60±0.25

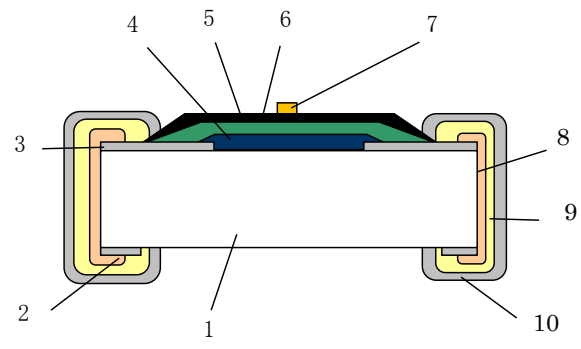
■ Specifications

Model	Rated Power (W)	Resistance Value Tolerance	Resistance Value Range (Ω)	TCR (ppm/°C)	Max. Working voltage	Max. Overload voltage
SCRES16	0.200	F-grade (±1%)	10 to 1M	±200	50V	100V
SCRES20	0.250				150V	200V
SCRES32	0.330	G-grade (±2%)	10 to 1M	±200	200V	400V
SCRES35	0.500	J-grade (±5%)				
SCRES50	0.750					
SCRES64	1.000	G-grade (±2%) J-grade (±5%)	10 to 1M	±300		

*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	SCRES16, SCRES20, SCRES32, SCRES35, SCRES50, SCRES64
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
8	Side Electrode
9	Ni Plating
10	Sn Plating



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