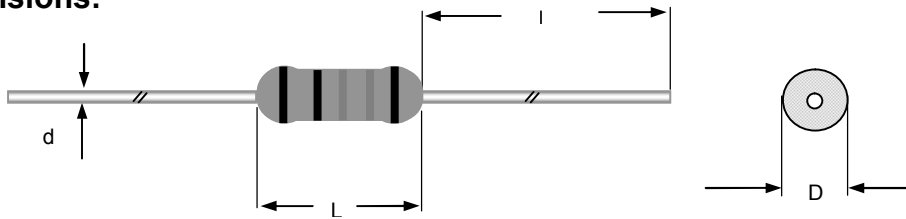


Carbon Composition Resistors axial leaded Type: SUR

Features:

- Unsensitive against high voltage pulses
- High stability at overload and surge test
- Resin coated – IEC colour code

Dimensions:



Type	L	D	I	d
SUR 25	6.5	2.5	29	0.58 ± 0.05
SUR 37	9.0	3.5	29	0.7 ± 0.05
SUR 68	16.0	5.5	35	0.8 ± 0.05

Dimensions in mm
L, D, I maximum values

Technical data – depending on size:

Type	Power rating P_{70}	Max. Working Voltage	Insulation resistance (V-Block)
SUR 25	0.25W	350 V	350V \pm 50V / 1min
SUR 37	0.5W	700 V	500V \pm 50V / 1min
SUR 68	1.0W	1000 V	700V \pm 50V / 1min

Technical data - general:

Resistance range	10R...10M
Tolerances	5%, 10%, 20%
Temperature coefficient	± 1000 ppm/K
Temperature range	-55°C ... +155°C
Climatic category acc. to IEC 60068	55/155/56
Overload test (2.5x rated voltage / 5sec on, 45sec off, 10 cycles)	$\Delta R < \pm 2.5\%$
Surge test (10nF / 8kV, 2.5sec on/off, 10 cycles)	$\Delta R < \pm 10\%$, no damage or flash over
Endurance test (P_{70} 0.5h on/off, 1000h)	$\Delta R < \pm 8\%$

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