

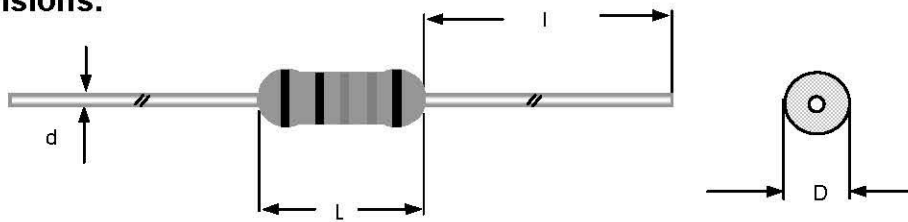
# SRT Resistor Technology

## Metal Oxide Resistors axial leaded Type: RYG

### Features:

- High power at small sizes
- Resin coated – IEC colour code
- Derating 70°C to 235°C

### Dimensions:



Type	L	D	l	d
RYG-1	10	4.0	31	0.65
RYG-2	12	5.0	31	0.85
RYG-3	16	5.5	31	0.85
RYG-5	26	8.5	31	1.05

Dimensions in mm

L, D, l, d maximum values

### Technical data – depending on size:

Type	Power rating $P_{70}$	Max. Working Voltage	Resistance range
RYG-1	1W	700V	1R...47K
RYG-2	2W	700V	1R...68K
RYG-3	3W	700V	1R...100K
RYG-5	5W	1000V	1R...150K

### Technical data - general:

Tolerance	2%, 5%, 10%
Temperature coefficient	$\pm 350$ ppm/K
Temperature range	-55°C ... +125°C
Climatic category acc. to IEC 60068	55/125/56
Short time overload (2.5x rated voltage / 1min)	$\Delta R < \pm 1\%$
Load Life	$\Delta R < \pm 5\%$
Temperature cycle	$\Delta R < \pm 1\%$