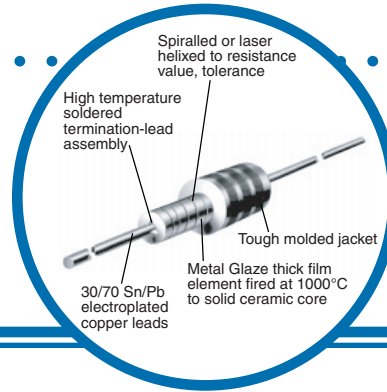


# High Power Metal Glaze™ Resistor



## ARG Series

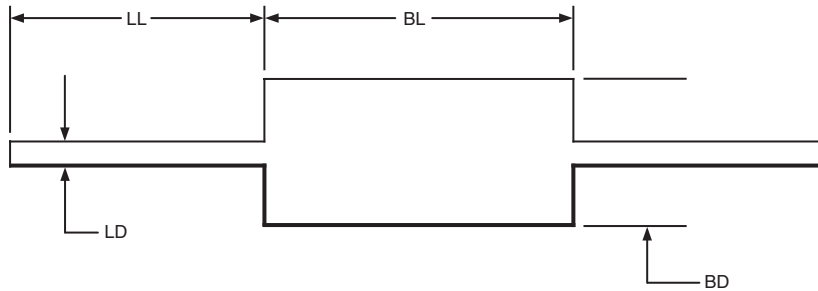
- 1 watt in 1/4 watt physical size (.250 x .090)
- TCR of  $\pm 100$  ppm/ $^{\circ}\text{C}$  with 2 or 5% tolerance
- Inherent capability to withstand heavy pulse overloads
- Excellent power handling with unsurpassed heat transfer
- Performance equal to or exceeding MIL-R-10509 and MIL-R-22684



## Electrical Data

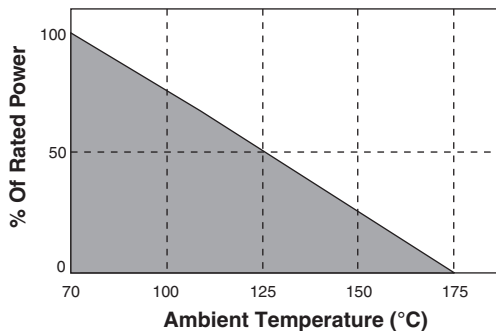
IRC Type	Power Rating	Resistance	Temperature Coefficient of Resistance (ppm/ $^{\circ}\text{C}$ )	Tolerance	Maximum Operating Voltage
ARG07	1.0 watt at 70 $^{\circ}\text{C}$	1 to 5.1 $\Omega$	100	2%, 5%	250V

## Physical Data



IRC Type	Body Length BL	Body Diameter BD	Lead Length LL	Lead Diameter LD	Clean Lead
ARG07	0.250 $\pm$ 0.015 (6.4 $\pm$ 0.4)	0.090 $\pm$ 0.008 (2.3 $\pm$ 0.2)	1.50 $\pm$ 0.125 (38.1 $\pm$ 3.2)	0.025 $\pm$ 0.002 (0.64 $\pm$ 0.05)	0.310 (7.9)

## Power Derating Curve



### General Note

IRC reserves the right to make changes in product specification without notice or liability. All information is subject to IRC's own data and is considered accurate at time of going to print.

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