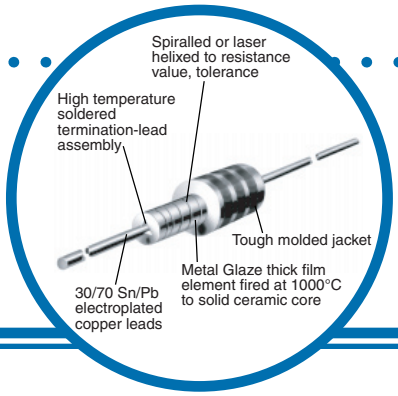
# High Power Metal Glaze™ Resistor

**ARG Series**

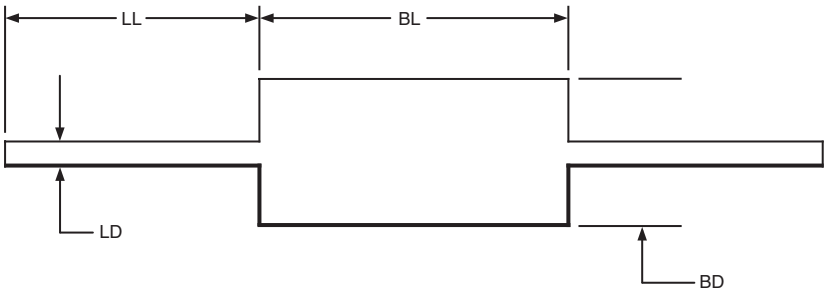
- 1 watt in 1/4 watt physical size (.250 x .090)
- TCR of ± 100 ppm/°C with 2 or 5% tolerance
- Inherent capability to withstand heavy pulse overloads
- Excellent power handling with unsurpassed heat transfer
- Performance equal to or exceeding MIL-R-10509 and MIL-R-22684




## Electrical Data

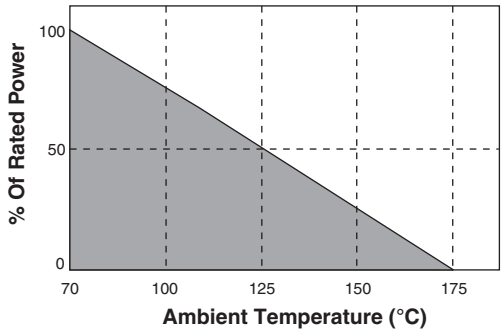
| IRC Type | Power Rating | Resistance | Temperature Coefficient of Resistance (ppm/°C) | Tolerance | Maximum Operating Voltage |
|---|---|---|---|---|---|
| **ARG07** | 1.0 watt at 70°C | 1 to 5.1Ω | 100 | 2%, 5% | 250V |

## Physical Data




| IRC Type | Body Length BL | Body Diameter BD | Lead Length LL | Lead Diameter LD | Clean Lead |
|---|---|---|---|---|---|
| **ARG07** | 0.250 ± 0.015 (6.4 ± 0.4) | 0.090 ± 0.008 (2.3 ± 0.2) | 1.50 ± 0.125 (38.1 ± 3.2) | 0.025 ± 0.002 (0.64 ± 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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