



EBG Inquiry Form for High Power Resistors

- 1. **Resistor Type** (If already known): _____
- 2. **Ohmic Value:** _____ R
- 3. **Tolerance:** _____ %
- 4. **TCR** (if requested): _____ ppm/°C
- 5. **Working load**(rated power): _____ W
At what heat sink temperature: _____ °C

6. Pulses:

- a. Shape of pulse square type e-function type pulse graph enclosed
- b. Frequency (how often does pulse occur) _____ Hz
- c. Length of pulse / tau _____ s
- d. Peak voltage or current _____ V or A
- e. Value of capacitor _____

7. Insulation Tests: (if you need different than our standard performed testing specified in our catalogue data sheets, please describe):

- a. Dielectric strength test at _____ kV AC DC
How long to be tested _____ s
- b. Partial discharge test at _____ kV
How long to be tested (<10pC) _____ s

8. Application details:

- a. Single resistor needed Multiples can be used
- b. Function of requested resistor (please select):

- Snubber resistor Balancing resistor Chopper (braking) resistor
- Crowbar resistor Pre-charge resistor Filter cap. discharge resistor
- Heater resistor DC coupling cap. discharge resistor Filter resistor
- Others (please describe) _____

c. Requested resistor is intended to be used in the following application (please select):

- Motor Drive (traction stationary) HVDC-Energy Transmission X-Ray
- Medical Instruments Laser Electrical Vehicle Aerospace Radar

d. Cooling requirement for requested resistor (please select):

- Resistor gets mounted onto heat sink Direct cooling of resistor element
- No extra cooling available (e.g. ambient air, etc.)

9. Requested quantity: _____ pcs

10. Form completed by: _____ Date: _____