EBG RESISTORS

A Miba Group Company

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 ☐ pulse graph enclosed ☐ e-function type
   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 subscribe)
   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 subscribe) _____

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

   ☐ 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:** _____