

**EBG Inquiry Form for High Voltage Resistors**

1. **Resistor Type** (If already known): \_\_\_\_\_
2. **Ohmic Value:** \_\_\_\_\_ R
3. **Tolerance:** \_\_\_\_\_ %
4. **TCR** (if requested): \_\_\_\_\_ ppm/°C  
Over which temperature range: \_\_\_\_\_ °C up to \_\_\_\_\_ °C
5. **VCR** (if requested): \_\_\_\_\_ - ppm/V
6. **Operating voltage:** \_\_\_\_\_ V
7. **Impuls voltage / Peaks:** \_\_\_\_\_ V
  - a. Shape of pulse:       square type       e-function       pulse graph enclosed
  - b. Frequency (how often does pulse occur) \_\_\_\_\_ Hz
  - c. Length of pulse / tau      \_\_\_\_\_ s
8. **Continuous load:** \_\_\_\_\_ W  
Operating temperature range: \_\_\_\_\_ °C up to \_\_\_\_\_ °C
9. **Where do you use the requested resistor /ambient condition** (please select):  
 air       oil       potting       other: \_\_\_\_\_
10. **Special type of coating requested:** \_\_\_\_\_  
(Conformal Silicone, High Temperature Silicone, Printed Silicone (U2), Epoxy, Printed Epoxy (U3), Polyimide, Glass)
11. **Currently used part numbers (also other than EBG):**  
\_\_\_\_\_
12. **Application details:**
  - a. **Single resistor need or can multiple be used** (please describe): \_\_\_\_\_
  - b. **Function of requested resistor** (please select):  
 Snubber resistor       Balancing resistor       Measuring resistor  
 Pre-charge resistor       Filter cap. discharge resistor       HV-Divider  
 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       Mining  
 Electrostatic Ionization       Other (please describe): \_\_\_\_\_
13. **Requested quantity:** \_\_\_\_\_ pcs
14. **Form completed by:** \_\_\_\_\_ **Date:** \_\_\_\_\_