

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:** _____