

At SBE we want to help you with a complete solution to your capacitor needs, and the information collected in this questionnaire will help understand your need better. You can print this form. Once completed, you can both scan it and email it to: info@sbelectronics.com or fax it at 802-661-3950.

Please add the title "**Attn: Applications Engineering**" to the fax heading.

Company Name: _____ Engineering Contact: _____

Address: _____

Email: _____ Phone # _____

Application Information

1. Type of vehicle _____

2. Expected quantities _____

3. Capacitance and tolerance

a. Capacitance = _____ μF

b. Tolerance= _____

4. Mechanical Dimensions

a. l = _____ mm w = _____ mm h = _____ mm

5. Input and output connections

a. Input _____

b. Output _____

6. ESL requirement

a. What switch package will be used? _____

7. What is your life requirement for the capacitor? _____ hours

8. Inverter power rating

a. Peak and duration _____

b. Average _____

9. Ripple current

a. Continuous value and duration _____

b. Average Value _____

c. Test value for validation and duration _____

d. Peak current and duration _____

10. Bus current

- a. Continuous value and duration _____
- b. Average Value _____
- c. Test value for validation and duration _____
- d. Peak current and duration _____

11. Voltage

- a. Continuous value and duration _____
- b. Average Value _____
- c. Test value for validation and duration _____
- d. Peak current and duration _____

12. Drive cycle

- a. Current _____
- b. Voltage _____
- c. Coolant temperature _____
- d. Ambient temperature _____
- e. Percentage of life spent at each condition _____

