Updated Customer Questions for DC Link Capacitor Applications

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MAB

1) Application
2) Expected quantities
3) Capacitance and tolerance
4) Mechanical dimensions
5) Input and output connections
6) ESL requirement
   a. What switch package will be used?
7) Life requirement
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
   d. Peak voltage and duration
12) Mission Profile
   a. Current
   b. Voltage
   c. Coolant temperature
   d. Ambient temperature
   e. Percentage of life spent at each condition