



48V POWER High CV Automotive



Key Features

AVX high CV MLC chip capacitors are high capacitance and small size relative to performance

- HI CV MLCC chips are generally defined as 1uf and above in case 0805 and above, although lower capacitance in smaller case sizes may also be considered Hi CV
- AVX Hi CV automotive available in X7R/X8L/X8R COG and X7R
- Termination options in Tin(std) and Flexible Termination for added mechanical/thermal cycling stability

Key Applications

Used in any number of automotive applications and are useful in applications such as

- snubbers in high frequency power converters,
- resonators in SMPS,
- and high voltage coupling/dc blocking

Key Benefits

- AVX Corporation has supported the Automotive Industry requirements for Multilayer Ceramic Capacitors consistently for more than 25 years
- Products have been developed and tested specifically for automotive applications and all manufacturing facilities are QS9000 and VDA 6.4 approved
- AVX is using AECQ200 as the qualification vehicle for this transition
- A detailed qualification package is available on request and contains results on a range of part numbers