

Information for Designer

When selecting the Transient Voltage Suppressors (TVS) for designing within the circuit, some characteristic parameter should be considered carefully to meet the circuit condition. The following guidelines are recommended.

1. The surge handling ability of the selected TVS should meet the need of dissipating the expected transient surge current of the protected circuit.
2. The clamping voltage of the selected TVS should be less than the maximum allowed operating voltage of the protected circuit.
3. In high speed data transmission situation, the capacitance of the selected TVS should be considered.
4. The special requests of the TVS' capacitance such as ESD prevention are available, please contact with us.
5. While choosing the TVS, the working voltage of the TVS should be greater than or equal to the normal operating voltage of the circuit.

