

■ TECHNICAL NOTES

1. General Description of Axial Aluminum Electrolytic Capacitors

Jianghai's axial/crown aluminum electrolytic capacitors have an outstanding electrical performance. The device has a polarized all-welded design, tinned copper wire leads, and a negative pole connected to the case. The winding is housed in a cylindrical aluminum can with a high purity aluminum lid and a high quality rubber gasket. Low ESR is the result of a low resistive electrolyte/paper system and an all-welded design. Thanks to its mechanical robustness, the capacitors are suitable for use in +150°C ambient temperature. Jianghai's automotive grade capacitors meet the demanding Automotive Electronics Council's AEC-Q200 qualification requirements.

2. Application Guidelines

Jianghai's axial/crown aluminum electrolytic capacitors are designed for automotive applications with extremely high demands on resistance to vibrations and high ambient temperature. Besides, some capacitors are also used in smoothing, coupling/decoupling and energy storage in telecommunication, power supply system, data processing, process control and measuring LED/lamp supply, where long life and high reliability are of paramount importance.