

New Yorker Electronics

New Ruggedized Axial-Leaded Aluminum Electrolytic Capacitor Distributed by New Yorker Electronics

NORTHVALE, NEW JERSEY, USA – New Yorker Electronics has just released the new Cornell Dubilier Electronics (CDE) line of axial-lead aluminum electrolytic capacitors. The new AXLH Series of ruggedized capacitors are designed for applications which require very high-performance under all operating conditions.

The AXLH is a uniquely-designed axial-lead electrolytic device that has the performance characteristics required for mission-critical circuitry. Its continuous ripple current is rated at up to 28 amps RMS. With a load life rating of 2,000 hours at full-rated voltage and 150°C, and a shelf life of 10 years, the AXLH is designed to stand the test of time.

Targeted application fields include military, aerospace, off-road vehicles, infrastructure system electronics. Nine values are available, from 470µF to 4,700µF, with ratings from 25Vdc to 63Vdc. Maximum ESR ranges from 13 to 32mΩ at 100kHz.

Where other electrolytics may lose performance under very hot conditions, a hallmark of the AXLH is its ability to handle high ripple current at elevated temperature. Like other CDE capacitors, the AXLH Series is subject to the industry's most rigorous dynamic testing. Procedures outlined in MIL-STD-202, method 204 are used to record the 20g vibration tests.

AXLH case diameter is a low-profile 20mm for all values. Depending on values, lengths vary from 26.5 to 42.5mm. The axial-lead wires are a substantial 1mm. The devices are RoHS compliant and free of conflict materials.

Features & Benefits:

- Continuous Ripple Current Up to 28A RMS
- 20g Vibration
- 2,000-hour Life Rating
- Shelf Life of 10 Years
- Low-Profile: 20mm
- RoHS compliant

Applications:

- Military
- Aerospace
- Off-Road Vehicles
- Infrastructure System Electronics

New Yorker Electronics is a franchise distributor for Cornell Dubilier carrying the MSLG Flatpack Ruggedized Flat Aluminum Electrolytic Capacitor as well as its full line of Aluminum Electrolytic Capacitors, AC Oil Filled Capacitors, DC Oil Filled Capacitors, Film Capacitors, MICA Capacitors, Ultracapacitors, Surface Mount Capacitors, Aluminum Polymer Capacitors, Supercapacitors, plus Capacitor Hardware and Capacitor Kits.