



Press Release

Nippon Chemi-Con Corporation

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High Withstand Voltage Product with 550 V Rated Voltage Added to the "LXS Series" Long Life Snap-in Type Aluminum Electrolytic Capacitors

Nippon Chemi-Con has now added a lineup of products with rated voltage increased up to 550 volts to the "LXS Series" snap-in type aluminum electrolytic capacitors for power supply input smoothing. This product will help to make switching power supplies, general purpose inverters and other equipment smaller and give them longer life.

The LXS series of snap-in type aluminum electrolytic capacitors are compact and have long life. They have very good durability being guaranteed for 5000 hours at 105°C. They are popular for use in switching power supplies and general purpose inverters because they help to increase the service life and reduce the need for maintenance of such products.

The demand for LXS series capacitors has been increasing recently because of the increase in solar power generation which uses them in power conditioners and the servers used in data centers.

Up until now the LXS series had products with rated voltages in the 160 to 500 volt range. Because of the expectations for a higher voltage smoothing capacitor, we developed a 550 volt model which is the highest rated voltage in the industry for a snap-in type capacitor. This was possible by the adoption of new materials.

The 550 volt LXS series product uses the same internally developed aluminum electrode foil as that used in the 550 volt "KMS series" product that is being released at the same time. This foil has made a high voltage, high capacitance and long life product possible.

<<Sample Availability and Mass Production Schedule >>

Samples of the LXS series product with a rated voltage of 550 volts have already started shipping in April 2015, and mass production is scheduled to start in September 2015.

<<Main Specifications (550 V rated voltage)>>

- Category temperature range: -25°C to +105°C
- Endurance: 5000 hours guaranteed at 105°C
- Rated voltage: 550V
- Capacitance range: 120 to 390 μ F
- Case size: ϕ 30×30 L to ϕ 35×60 L mm

<<Product Appearance>>

