

## High-Rel, Snap-In Aluminum Electrolytic Capacitors For Industrial Designs

[KYOCERA AVX's](#) SNA series and SNL series snap-in aluminum electrolytic capacitors deliver high-reliability, high-voltage, and high-CV performance over long lifetimes. In addition, both series are lead-free compatible and RoHS compliant, rated for temperatures extending from -25°C to +105°C, and are well suited for use in commercial and industrial applications. These include frequency converters, solar inverters, power inverters, energy storage systems, and power supplies.

The SNA series capacitors also exhibit high-ripple-current capabilities, long lifetime performance, and endurance of 5,000 hours at 105°C. They are currently available with three rated voltages (250, 420, and 450 Vdc), 24 case sizes spanning 22 mm x 25 mm to 35 mm x 50 mm (D x L), and capacitance values extending from 82  $\mu\text{F}$  to 1,500  $\mu\text{F}$   $\pm 20\%$ .

The SNL series capacitors exhibit endurance of 3,000 hours at 105°C. They are currently available with eight rated voltages (160, 200, 250, 350, 400, 450, 500, and 550 Vdc), 36 case sizes spanning 22 mm x 20 mm to 35 mm x 60 mm (D x L), and capacitance values extending from 68  $\mu\text{F}$  to 2,200  $\mu\text{F}$   $\pm 20\%$ .

"We're excited to launch our new SNA and SNL series snap-in aluminum electrolytic capacitors," said Mack Cartagena, staff research development engineer, KYOCERA AVX. "Both series are well suited for use in a wide variety of commercial, industrial, and high-reliability applications and feature fully insulated cases with polarity markings that enable easy snap-in installation as well as safety vents, which provide effective overload protection."

Capacitors in the SNA and SNL series have a lead time of 20 to 24 weeks and they are shipped in bulk packaging. For more information, see the Aluminum Electrolytic Capacitors [page](#). Or to order, visit DigiKey, Mouser, Newark, TTI, [Future](#), [Arrow](#), and [Avnet](#). To contact KYOCERA AVX, email [inquiry@kyocera-avx.com](mailto:inquiry@kyocera-avx.com), or call 864-967-2150.



Figure. The SNA and SNL series snap-in aluminum electrolytic capacitors are easy to install and deliver high-reliability, high-voltage, and high-CV performance over long lifetimes in a wide range of commercial and industrial applications with operating temperatures extending up to +105°C.