



ROLINX[®] CapLink

Product Information

ROLINX CapLink Solutions are the latest additions to the ROLINX busbar family. These solutions integrate capacitors with ROLINX laminated busbars to produce assemblies with extremely low inductance and high power density in a small, lightweight system. ROLINX CapLink Solutions leverage a unique soldering process to mount the capacitor to the busbar. Supports SiC technology; allows power modules to operate at higher switching frequencies, increased voltages and higher temperatures with minimum power losses.

These solutions can be used in critical DC link applications for automotive EV/HEV powertrains, solar and wind inverters and industrial drives.

Benefits

- // Low ESL and ESR
- // High reliability and long useful life
- // Able to handle higher ripple currents
- // Highly integrated busbar design
- // Compact design with low building height and weight



Typical Market Segments

- // Frequency converters/inverters
- // Industrial and high-end power supplies
- // Renewable energies
- // Motor drives
- // HEV/EV



Typical Technical Characteristics

Voltage	300V - 1500V
Capacitance Range	10µF - 2000µF
Capacitance Tolerance	5%(J) / 10%(K)
Temperature	-40°C - 105°C
Climate Testing Class	10/105/56
Insulation Material	Copper 0.5 - 2mm
Production Test	Partial Discharge, High Voltage, Dimensional Testing

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