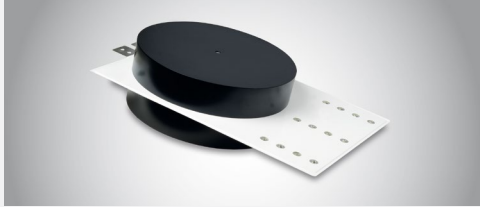


ROLINX[®] Busbars

General Overview

ROLINX[®] CapPerformance



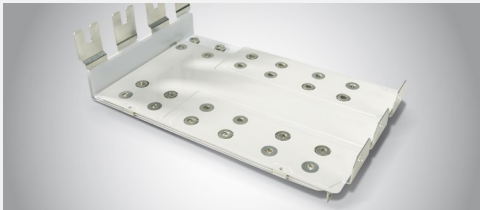
- // Back to back mounting
- // Improved reliability and lifetime
- // Low system weight and volume

ROLINX[®] CapEasy



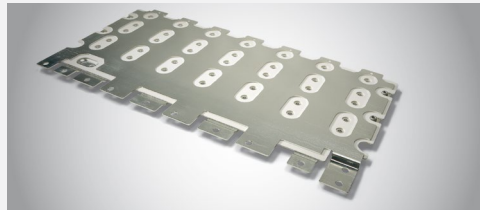
- // Ability to handle higher ripple currents
- // Low ESL and ESR
- // Low system weight and volume

ROLINX[®] Performance



- // Provides optimized inductance
- // Designed for controlling partial discharge
- // Shaped to fit high voltage applications

ROLINX[®] Easy



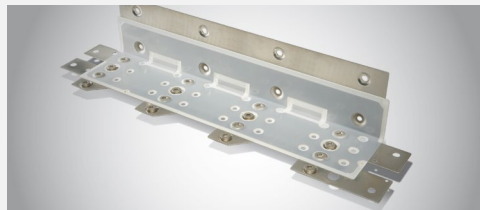
- // High short circuit resistance and low inductivity
- // A cost effective alternative for stacked busbars
- // Manufactured in a controlled production process

ROLINX[®] Hybrid



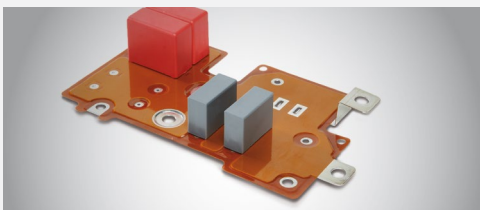
- // Reduces installation time
- // Eliminates wiring errors
- // Streamlines the supply chain

ROLINX[®] Thermal



- // Extended thermal characteristics: up to 125°C
- // Extended humidity rating
- // Designed to last

ROLINX PowerCircuit[®] Solutions



- // Compact 3D design
- // Fit for high volume assembly processes
- // Good thermal management

ROLINX[®] Compact



- // Optimized design fit for narrow space connection
- // High power density capabilities
- // Easy to insulate very complex shapes

Connection techniques

Busbar to Component connection

The component connection techniques solve various issues: mechanical stress due to thermal expansion, tolerance compensation flexibility, ease of installation, low contact resistance, etc.



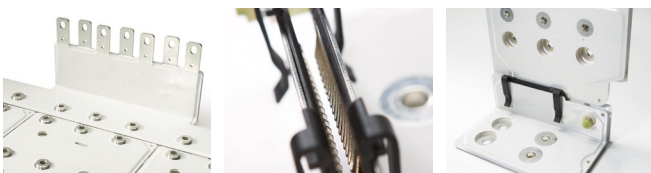
Busbar to Cable connection

A laminated busbar equipped with connectors for cabling provides an 'all in one' solution for a flawless connection an easy installation.



Busbar to Busbar connection

From a conventional connection solution (bolted) to more advanced techniques that address issues of flexibility, ease of installation and replacement, low contact resistance.



Rogers offers 'ready to use & install' products by mounting the cables or components in-house. This reduces assembly time and simplifies your supply chain.

Material Selection

Conductor Material	Copper: 0.8mm – 6mm Aluminium: 0.8mm – 6mm Other
Inserts	Bushings Fasteners Special on request
Plating Material	Tin: Sn5, Sn10 Nickel: Ni5, Ni10 Silver: Ag2 Other
Insulation Material	Rigid: Reinforced glasfibre, FR4 Thin: Polyester, Polyimide, Others on request

Norms and certifications

- // ISO9001-2008
- // ISO14001
- // ISO/TS16949
- // IRIS
- // UL 746C (incl. UL 94) US & CA
- // NF F 16-101/ NF F 16-102
- // EN 45545

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