



Hi-Rel Converters and Filters

Explore our Line of Hi-Reliability DC-DC Converters, Bus Converters, and EMI Filters Designed for Military Use

The MilQor[®] series of high-reliability DC-DC converters and EMI filters bring SynQor's field proven high-efficiency synchronous rectifier technology to the Military/Aerospace industry. SynQor's innovative QorSeal[®] packaging approach ensures survivability in the most hostile environments. Compatible with the industry standard format, these converters operate at a fixed frequency, have no opto-isolators, and follow conservative component derating guidelines.

To learn more click on a product below, visit our Product Guide or contact a SynQor Representative.

Converters

- Product Family: Hi-Rel
- High efficiency
- Input voltage ranges from 5.5 V to 475 V
- No opto-isolators
- Non-hybrid, SMT construction
- Conduction cooled QorSeal packaging

Bus Converters

- Product Family: Hi-Rel
- High efficiency
- Input voltage ranges 18-40 V, 230-400 V
- 400 W output power
- No opto-isolators
- Non-hybrid, SMT construction
- Conduction cooled QorSeal packaging

Filters

- Product Family: Hi-Rel
- 20 amps output current
- Very low DC resistance
- >80 db differential-mode attenuation at 500 KHz
- >60 db common-mode attenuation at 500 KHz

Hi-Rel Screening