EV CHARGING

Samtec delivers industry leading Sudden Service® solutions for reliable connectivity to support the growing demand and compliance requirements for EV charging. Commercial-Off-the-Shelf (COTS) and modified COTS combined with Samtec’s on-going Severe Environment Testing initiative enables design flexibility for quick turn and cost-effective automotive designs.

Samtec’s rugged and high-power interconnects provide performance confidence and durability for power conversion, thermal management and current or future needs of the electric vehicle. For more information, please visit samtec.com/auto or contact AutoSalesGroup@samtec.com.

APPLICATIONS

On-Board Charger
Electric Vehicle Service Equipment (EVSE)
AC Level 1 & Level 2 Charging
DC Fast Charging
V2G Smart Energy Management Solutions

EXTENDED LIFE PRODUCT™

E.L.P.™ products are tested to rigorous standards which evaluate contact resistance in simulated storage and field conditions.

- 10 year Mixed Flowing Gas (MFG)
- High Mating Cycles (250 to 2,500)
- Certain plating and/or contact options will apply

For complete details about Samtec’s E.L.P.™ program and a full list of qualifying products and test results, please visit samtec.com/ELP or contact the Customer Engineering Support Group at ASG@samtec.com.

SEVERE ENVIRONMENT TESTING (SET)

Severe Environment Testing is a Samtec initiative to test products beyond typical industry standards and specifications, many set forth by common requirements for rugged/harsh environment industries.

These products undergo additional testing to ensure they are more than suitable for military, space, automotive, industrial and other extreme applications.

Visit samtec.com/SET or contact set@samtec.com for additional information and current available test results.
Quickly build mated connector sets, view specs and order samples all with one online design tool. Visit samtec.com/flexsolutionator to build your set.

Flexible Stacking Systems
Samtec has the industry’s largest variety of flexible board stacking connectors for the most design flexibility.

Header and socket systems are available in a variety of pitch, density, stack height, orientation, contact system, and other standard or modified options. Post height is adjustable to achieve specific stack heights.

mPOWER® Ultra Micro Power
mPOWER® is a 2.00 mm pitch, 18 Amp micro power solution. Use as power only, or alongside Samtec’s high-speed connectors for a unique power and signal/ground solution.

Tiger Eye™ Rugged Systems
Tiger Eye™ is Samtec’s most rugged contact system, rated to 1,000+ cycles. Connectors are available in three pitches, with a choice of termination, orientation and ruggedizing features.

Other Solutions
- High-Speed Dual Row Strips
- Rugged SI Strips
- Discrete Wire Systems
- Flexible Power Solutions

MICROMATE™
S15S/T1M Series

Quickly and easily identify availability of over 200,000 of Samtec’s most popular connectors and cables – guaranteed to ship in 1-day.

Look for the Reserve badge throughout samtec.com to easily determine if your part number is eligible, along with current availability, quantity breaks and pricing. Hundreds of part numbers are being added daily!