

FOR FURTHER INFORMATION, PLEASE CONTACT:

Audrey Husson, Technical Publicity
Mobile: +33 (0)3 680 56 02 07
Email: ahusson@technical-group.com

Britta von Olnhausen, Molex
Tel: +49 (0) 6227/3091-645
Email: britta.vonolnhausen@molex.com

FOR IMMEDIATE RELEASE

Super Sabre Power Connector System from Molex

Delivers 34.0A per blade in a 7.50mm pitch connector, withstand temperatures of up to +125°C

WALLDORF, Germany – 27th January, 2015 – Molex Incorporated introduces the Super Sabre™ Power Connector System for all high-current applications, where flexible wire-to-wire and wire-to-board configurations are required. Delivering 34.0A per blade and withstanding up to +125°C operating temperatures (USCAR-2, level 3), Super Sabre power connectors are equally well-suited to automotive and commercial vehicle applications as they are to the appliance, medical, datacom and industrial control industries.

“Design engineers are faced with the challenge of providing greater power requirements with less PCB-footprint,” says Michael Bean, global product manager, commercial products division at Molex. “Within this small envelope, available packaging options have been limited. In addition, components within these systems must be reliable and able to withstand rugged and high-temperature environments. Utilising proven and reliable Sabre Connector multi-beam technology, the Super Sabre Connector System helps solve these issues, providing 34.0A current per blade and withstanding +125°C operating temperatures.”

Optimised for 10 to 12 AWG wires, the Super Sabre Power Connector System accommodates both wire-to-wire and wire-to-board configurations and is compatible with lead-free wave soldering and reflow soldering processes. Silver-plated, high-conductivity alloy terminals are used to minimize fretting corrosion concerns. The flat-blade terminal design with four independent points of electrical contact offers redundant, secondary current paths for long-term performance and reliability. In addition, terminal design provides a more reliable electrical connection than other terminal styles.

The terminals are fully-isolated on both mating sides to ensure complete protection against damage or shorting. Positive latch and Terminal Position Assurance (TPA) features prevent terminal backout. The optional UL1977 and UL60950 "Finger Test" certified blade meets safety requirements for many consumer applications.

For more information about Molex's Super Sabre Power Connector System, please visit: www.molex.com/link/supersabre.html To receive information on other Molex products and industry solutions, please sign up for our e-nouncement newsletter at www.molex.com/register.

– Ends –

About Molex Incorporated

Providing more than connectors, Molex delivers complete interconnect solutions for a number of markets including: data communications, telecommunications, consumer electronics, industrial, automotive, commercial vehicle, aerospace and defence, medical and lighting. Established in 1938, the company operates 45 manufacturing locations in 17 countries. The Molex website is www.molex.com. Follow us at www.twitter.com/molexconnectors watch our videos at www.youtube.com/molexconnectors, connect with us at www.facebook.com/molexconnectors and read our blog at www.connector.com.

Molex is a registered trademark of Molex Incorporated.

Super Sabre is a trademark of Molex Incorporated.