

## FOR IMMEDIATE RELEASE

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## Tyco Electronics Presents New High Voltage and EMC Shielded Inline Connector Designed for Alternative Powered Systems (APS)

Tyco Electronics has developed a 2-position HVA 400 plug and cap inline connector system that is designed specifically for handling high voltage and EMC shielding applications for alternative powered systems (APS).

The new wire-to-wire, sealed connector system is based on a 4.0mm pin and socket terminal system and a robust and scalable compact package occupying approximately 111x41x50mm (LxWxH for an 8-position connector). The temperature class rating is -40°C to 125°C (underhood); wire size ranges from 3.0mm<sup>2</sup> to 6.0mm<sup>2</sup>. The 4.0mm terminal is capable of carrying 33 amps (continuous) @ 125°C on 3mm<sup>2</sup> wire and the nominal voltage rating is 300Vdc (550V max).

The connector is uniquely designed to accommodate an optional High Voltage Interlock (HVIL) integrated into the system. The optional HVIL minimizes the risk of live exposed terminals or destructive arcing. Due to its flexible design, the connector is capable of employing multiple low-voltage terminals (depending upon OEM preference) or as a standalone high voltage connector.

The Tyco Electronics 2-position HVA 400 connector is "touch safe" and is designed and built in accordance to USCAR-2 (on-engine vibration profile), ingress protection class (DIN 40-050 or IEC 60529), IP6K9K (mated), IP2B (unmated) AIAG, QS9000 and is RoHS ready.



### About Tyco Electronics

Tyco Electronics Ltd. is a leading global provider of engineered electronic components, network solutions, undersea telecommunication systems and wireless systems, with 2007 sales of US\$13.0 billion to customers in more than 150 countries. We design, manufacture and market products for customers in industries from automotive, appliance and aerospace, defense and marine to telecommunications, computers and consumer electronics. With over 7,000 engineers and worldwide manufacturing, sales and customer service capabilities, Tyco Electronics' commitment is our customers' advantage. More information on Tyco Electronics can be found at [www.tycoelectronics.com](http://www.tycoelectronics.com).

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