

**FOR IMMEDIATE RELEASE**

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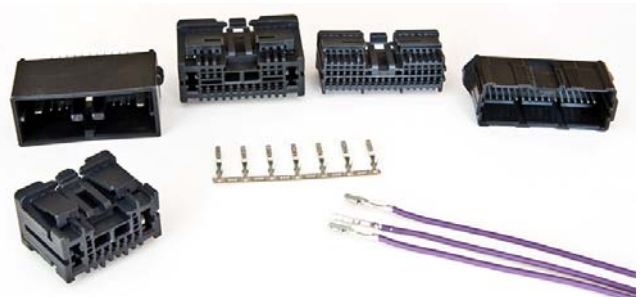
## Generation Y Terminal and Connector System Meets Key Automotive Needs

Tyco Electronics' Generation Y terminal system is a highly-engineered terminal and beam design that offers a cost savings advantage without reducing product performance. Manufactured using a phosphor bronze material with reduced stock thickness, the terminal passes both the electrical and mechanical requirements of USCAR-2 Performance Standard for Automotive Connectors, and demonstrates excellent interface stability during USCAR-20 Field Correlated Life Tests, for both 85 C and 125 C temperature classes. The reduction in material thickness without sacrificing electrical performance leads to overall weight reduction of the harness assembly. Reduction of weight in the vehicle leads to improved fuel economy, a must for vehicle buyers today.

Tyco Electronics' Generation Y connector portfolio consists of unsealed wire-to-header, unsealed wire-to-wire, sealed wire-to-wire, and sealed wire-to- device styles. The system allows a higher pin count than traditional hand-mate solutions to reduce the complexity and cost of automotive harness designs. In addition, a diverse offering of connector headers is available for various PCB processing methodologies which may lead to cost savings advantages for module suppliers.

Product stratification allows for various applications including unsealed, mat seal, or wire seal; base metal options with high normal force for engine vibration applications; and various plating options for class II, III, or IV temperature extremes. In addition, optional terminal orientation features allow variation in row-to-row pitch to condense the overall size of the connector package.

The various orientation features allow for a variety of connector housing designs, both sealed and unsealed, with the traditional front-loaded TPA or with independent secondary locking mechanisms. In addition, the terminal allows for variation in normal



force to suit the application without violating the integrity of the interface. Such optimization gives the customer many options using just one common interface design.

Electronics and convenience options continue to grow each year in the vehicle industry. Combining power and signal into one connector has been a significant contributor to reducing the complexity of harness and module designs, as well as allowing increased circuit count with reduced package size.

#### 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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