

FOR IMMEDIATE RELEASE

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Tyco Electronics Presents Highly Integrated Controller Housings for Brake Control Applications

In automotive brake and stability applications, a robust interface between control module and hydraulic valve actuators of the slip control system is mandatory. The electronic controller on the PCB transfers signal and power to activate the hydraulic valve block of the brake system and the stability system (ESP, traction control, etc.), which subsequently pass on the hydraulic fluid to the brake cylinders to decelerate the vehicle.

Compact build-in volume requires highly integrated modules. This module integration combines the controller PCB, connector interface, actuator coils, power signal for the hydraulic pressure pump and bushings for hydraulic module attachment. Tyco Electronics provides the integrated modules based on our core technologies: integrated sealed connector, vent, and over 70 Tyco Electronics multispring press-fit contacts for solder-less PCB assembly (actuator coil connection, connector & retention pins, and hydraulic pump connection). Each is over-molded into a sealed module which offers reliable performance and high lifetime.

Tyco Electronics' expert knowledge in moulding, connection, coil winding and assembly technology creates innovative solutions into the following automotive application areas:

- Housing modules with integrated magnet coils
- LF antennas for Keyless Entry / - Go
- Immobilizer antennas
- LF antennas for tire pressure monitoring
- Injector coils
- Magnetic actuators



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 and defense 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.

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