

## FOR IMMEDIATE RELEASE

### Contacts:

### Product Communications

Alex Hunt  
717-986-5911  
ahunt@tycoelectronics.com

## **TYCO ELECTRONICS INTRODUCES HOLDER FOR HEXAGONAL “STAR BOARD” LEDS -- Integrated Assembly Addresses Electrical Connectivity and Thermal Management --**

HARRISBURG, Pa. – Jan. 6, 2009 – The “Star Board” LED Pixel Holder from Tyco Electronics makes it fast and easy to integrate high-intensity LED packages into fixtures. The holder simplifies application by addressing electrical, thermal and mechanical needs in a single solution—without solder and without the complexity of engineering separate thermal, electrical, and mechanical subsystems. Consisting of a cast aluminum heat sink, plastic locking ring and contact carrier, and tin-plated copper alloy contacts, the holder is available with a two-wire connection for single-color LEDs and four-wire connection for RGB LEDs. The heat sink fits standard GU10/MR16 light fixtures for easy integration into higher-level assemblies for office, residential, or architectural lighting.

The holder accepts LED board thicknesses from 1.0 to 2.5 mm thick, with easy replacement after installation.

The LED Pixel Holder works with LEDs rated up to 3 watts without forced air cooling. For higher LED power ratings, forced air cooling or additional heat sinking may be necessary. The assembly is rated for operating currents up to 2.5 A and voltages to 50 VDC. With an operating temperature range from -40°C to 120°C, the Pixel Holder is suited for both indoor and outdoor applications. The electrical interface is standard 110 FASTON quick-disconnect tabs, which allows simple “plug-in” compatibility with Class 2 wiring.

Options include a thermally conductive pad, snap-on diffuser lens, and integrated LED driver.

For more information on Tyco Electronics “Star Board” LED Pixel Holders, contact Tyco Electronics’ Product Information Center at 800-522-6752, or send email to [newproducts@tycoelectronics.com](mailto:newproducts@tycoelectronics.com).

## **ABOUT TYCO ELECTRONICS**

Tyco Electronics Ltd. is a leading global provider of engineered electronic components, network solutions, undersea telecommunication systems and wireless systems, with 2008 sales of \$14.8 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 nearly 8,000 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 <http://www.tycoelectronics.com/>.

FASTON, TE Logo and Tyco Electronics are trademarks.

# # #