



## **NEW QFN 0.4 & 0.5mm Pitch Test & Burn-in Socket Series**

**San Jose, February 2008** – The new open top QFN socket series has a highly-reliable fine pitch (0.4 / 0.5mm) contact system and a standard socket scaling. For automated loading the loader change-kit does not have to be replaced for different package sizes which helps to save changeover times and costs. The standard socket size was designed as a simple but highly-reliable solution for all required test & burn-in applications. The new QFN series can be implemented without great effort for different Burn-in board IC loader settings.

The highly reliable contact mechanism is achieved by the buckling beam contact concept with a coined contact tip. Zero-insertion force minimizes the IC insertion stress and latch press mechanism ensures a stable contact force. When the push-cover is released, the latch presses onto the surface of the IC which guarantees proper IC seating and necessary contact force contacting the IC pads. The coined tip shape contact ensures a safe and reliable contact of the IC pads creating very low contact resistance.

**The outer dimensions of the socket are:**

*NP473 (0.5mm pitch) series: 25.0 x 25.0 x 20.5mm*

*Applicable to odd pin counts on each side (IC's having 12-44 pins)*

*NP404 (0.5mm pitch) series: 32.0 x 32.0 x 20.5mm*

*Applicable to even pin counts on each side (IC's having 16-88pins)*



*NP506 (0.4mm pitch) series: 32.1 x 26.7 x 19.5mm*

*Applicable to 5x5 to 7x7 package sizes (IC's having 40-56pins)*

**About Yamaichi Electronics**

Yamaichi is a market leader for test & burn-in sockets, connectors and connection systems – areas in which reliability and function safety are essential for the success of the whole project. Yamaichi has established itself very quickly on the world market as a manufacturer of high-quality and reliable components for ambitious applications in the following sectors: telecommunications infrastructure, industrial automation, mobile computer technology, mobile telephones, GPS systems, printers, digital cameras, camcorders, as well as electronic devices in the retail trade, industry and electronics.

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