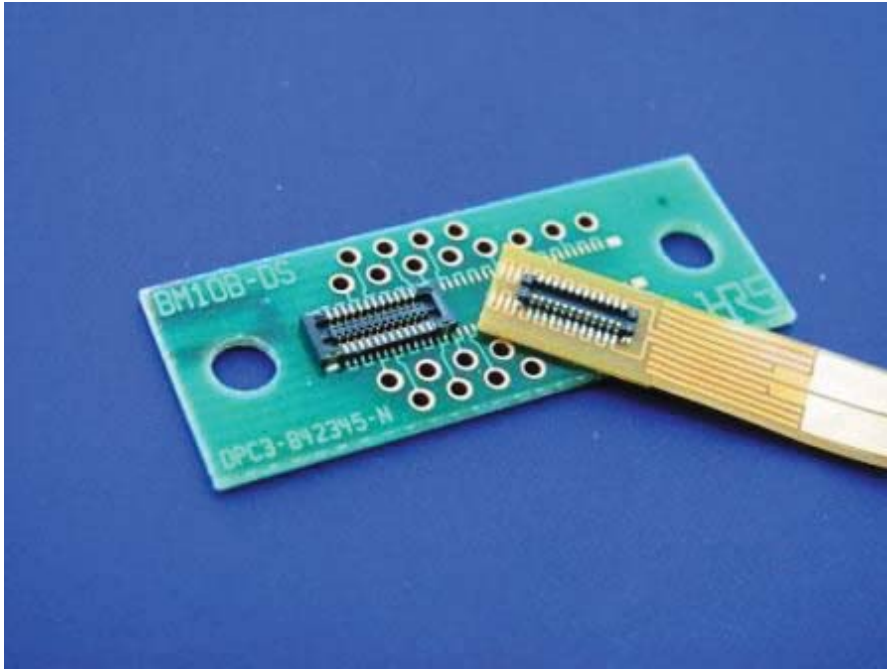


# Hirose develops new FPC-to-board connectors



**November 24, 2009** -- Providing design engineers with a versatile, flexible printed circuit connector with minimal board height, [Hirose Electric Co., Ltd.](#) has developed a new series of FPC-to-board connectors. Designated the BM10 series, the RoHS-compliant and halogen-free connectors are available with stacking heights of 0.6 mm and 0.8 mm, and feature a space-saving 2.98 mm depth and 0.4 mm contact pitch.

“The BM10 series connectors feature robust design elements, including highly reliable contact and retention force, a shock-absorbing configuration as well as a self-alignment mechanism,” says Tats Arai, president of Hirose Electric USA. “These characteristics, along with the miniature size of the FPC-to-board connectors, make them ideal for use in a variety of applications including printers, industrial controls, medical and instrumentation equipment, as well as multimedia devices.”

The 40-position BM10 series connectors feature an enhanced self-alignment mechanism via guidance ribs, with a self-alignment range of 0.3 mm. Metal fittings and a clipping contact design provide high PC board retention force and a highly reliable contact, while dimpled contacts result in robust mating in high shock environments. The BM10 series connectors also feature solder wicking prevention and contact protection against dust and other particles.

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