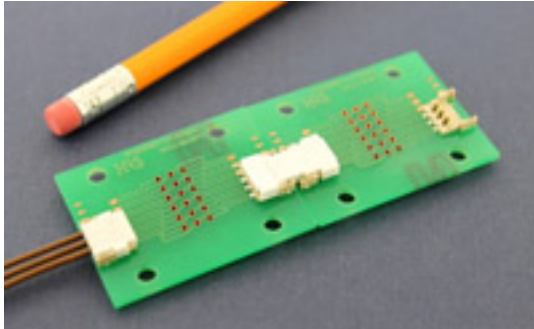


Multi-functional Connector System Suits LED Applications



Hirose has developed a 2-mm pitch, multi-functional connector system that provides wire-to-board, board-to-board joint and short-circuit sockets in a single connector design. Designated the DF59 Series, the connector is suitable for the LED market, as well as for many applications that require a small connector, such as battery connections, small DC motor drives and power supplies. The connector system has a unique "swing lock," which uses positive and friction locks, giving wire-to-board type connections cable pull force resistance. The cable end of the plug is mated at a slight angle to engage more fully with the receptacle and the other end of the plug is pushed down to complete mating with an audible tactile click. The connector also provides stress-free contact for 0.5-mm floating function in XYZ directions for flexibility during the installation process. DF59 is available in two, three and four positions. It has a high current capacity of 3 A (with AWG 22 cable) and a high contact lance strength for wire-to-board type connections.

Hirose Electric Co.

805-522-7958, www.hirose.com [1]

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