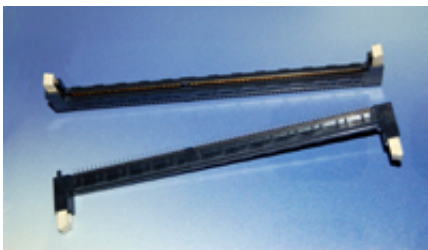


Fujitsu's DDR3 DIMM Connector Design Enhances Memory Module Reliability

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Fujitsu DDR-3DIMM connector

Fujitsu today released a DDR3 (Double Data Rate) DIMM (Dual Inline Memory Module) socket connector designed to reduce errors and intermittent faults associated with DDR3 memory modules.

The FCN-07 series is a 240-position, vertical mount, press-fit socket connector with a 26mm profile. It provides [memory](#) expansion for routers, servers, and workstations in telecom, networking and industrial applications. Depending on the complexity of the system, many applications often have 10 to 80 sockets on the main board that are prone to failure from [dust particles](#).

The [Fujitsu](#) DDR3 socket features a patented, twin-point contact structure that, when mated, thoroughly removes dust and flux residue from module contacts and ensures a reliable connection, even in high-vibration environments. This prevents initial boot-up errors and

intermittent failures resulting from dropped address bits in the memory bus commonly caused by dust. The costly and time-consuming process associated with cleaning and reseating numerous modules is also eliminated.

The lead-free, RoHS compliant FCN-07 socket is available immediately. Features include a 0.5A DC contact rating, a 500VAC dielectric withstanding voltage, a 25VAC voltage rating, and an operating temperature range of -55 to +85 degrees C.

Source: Fujitsu

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