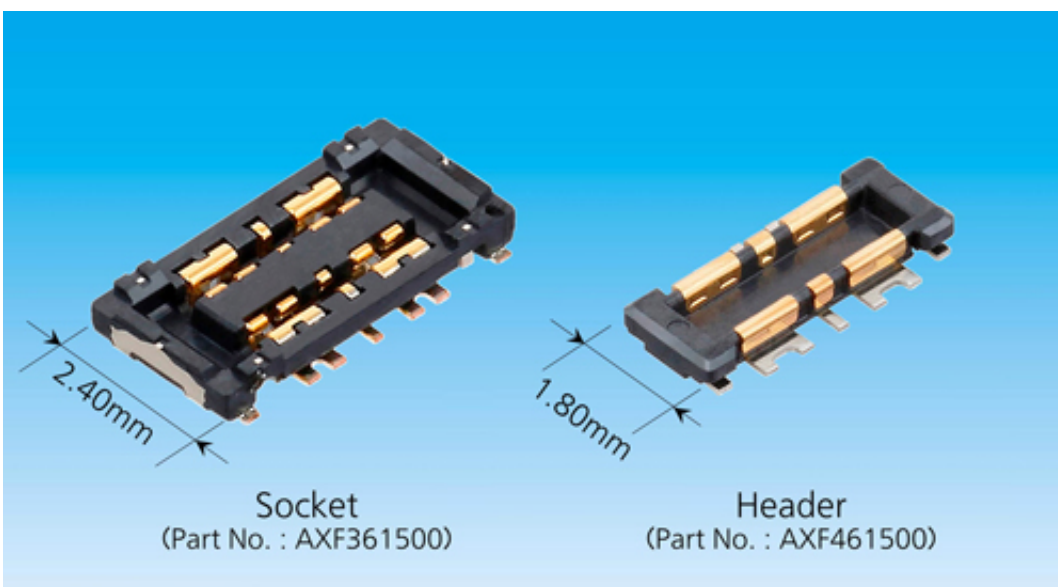


Industry's thinnest battery connector corresponding to 6 ampere high current capacity

October 1 2014



Battery Connector "B01 Series"
Corresponding to High Current Capacity

Panasonic Corporation October 2014

Panasonic has developed and launched the Industry's thinnest connector corresponding to high current capacities of 6A and realizing high retention force. The connector contributes to achieving higher functional mobile devices with greater reliability.

Panasonic Corporation announced today that it has developed a battery connector to FPC (Flexible Printed Circuit) board corresponding to high

current capacity and boasting the industry's thinnest thickness. It is useful in the connection of the battery to the electric circuit in smartphones, tablets, and other wearable devices using embedded batteries.

Smartphones and other mobile or [wearable devices](#) involve lots of functions; some of these functions need a high electrical current like camera flashes and brighter displays, and this trend is expected to continue. On the other hand, these devices become thinner and lighter year by year, so the batteries must be smaller and lighter. Therefore, the connector between batteries and the electronic circuit must be small and able to correspond to larger electric currents.

Panasonic has successfully created a commercial product with this connector, which features the industry's thinnest profile of 0.6 mm and a high [electric current](#) capacity of 6A. By realizing a high retention force for powerful connection reliability, despite being compact and thin, this product is perfect as a connection point transmitting high currents, such as the battery connections of mobile devices, smartphones, tablets, and other wearable devices.

Features

- Industry's thinnest 0.6mm battery connector with 6.0 A (3.0A/pin x 2 pins) high electric current capacity. It will contribute to further improvement in [mobile devices](#).
- Its high retention force, despite its small size and thin profile, has been achieved thanks to Panasonic's unique multi-contact mechanism, obtaining higher connection reliability as a result.
- Higher assembly efficiency is realized with its easy positioning when fitting the socket to header.

Provided by Panasonic Corporation

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