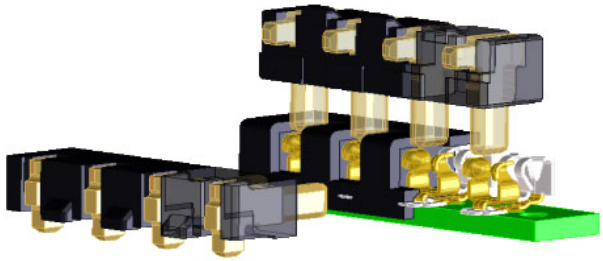
Small Two Piece Battery Connectors with Two Way Insertion



Due to popular demand, Yokowo's two piece battery connectors has expanded and now will include a compact version. Featuring two less blades than the original 6-blade type, the new 4 blade model is designed to also allow for flexibility for both horizontal and vertical blade insertion. The compact size has also resulted in a reduction in pitch (from 3mm to 2.5mm).

To ensure a constant connection, the receptacle side features dual beam contact in both insertion directions. Two tabs are uniquely fitted on the receptacle to provide a secure grip around the blade upon insertion. Biaxial torsion and a floating function absorb the battery gap, and reduce the risk of intermittent power outages (even if the device is dropped).

This two piece battery connector is ideal for use in devices where uninterrupted power is critical, including but not limited to cellphones, mobile devices, GPS units, tablet PCs, and any type of handheld portable unit that is operated in a harsh environment. The 4 blade type is capable of handling high rated currents of up to 2A per blade.

Yokowo's compact two piece battery connector features a 30mO maximum (initial) contact resistance, operating temperatures ranging from -40ºC to +85ºC, voltage of 12V AC/DC and operational durability of 2,000 cycles. The plug side is 2.2mm (H) x 2.6mm (W) x 7mm (L) and the receptacle side is 3mm (H) x 2.5mm (W) x 8.8 mm (L). Each blade consists of four contacts with a 2.5mm pitch.

www.yokowoconnector.com [1]

Posted by Janine E. Mooney, Editor

January 17, 2012

Source URL (retrieved on *08/31/2014 - 6:48am*):
http://www.wirelessdesignmag.com/product-releases/2012/01/small-two-piece-battery-connectors-two-way-insertion?qt-blogs=0

Links:
[1] http://www.yokowoconnector.com