

## **Cradle connector is first of its kind to be designated waterproof and achieve an IPX7 rating**



Water spills on a PC charger; chemicals come in contact with a handheld medical device. While once considered inevitable, damaging liquid seepage into cradle connectors can now be prevented. Yokowo's new male-side (cradle) connector is the first of its kind to be designated waterproof and to achieve an IPX7 rating.

The moving-part construction of pogo pins typically allows for liquids to penetrate through gaps. This can occur between the actual pogo pin head and surrounding tube, or between the small clearance of the pogo pin when housed inside its plastic holder. However, by reversing the direction of the pogo pins in the housing and incorporating a rubber strip, Yokowo's male side (cradle) connector prevents seepage.

Yokowo's patent-pending design was developed in response to growing demands for waterproof connectors by makers of cradle or docking chargers, cellphones, tablet PCs, laptops, barcode readers and POS scanners, handheld GPS units, medical and all other handheld devices. Yokowo customizes its connectors to meet the unique specifications of each of these devices.

Rated currents for Yokowo's new connector are from 2A - 10A, contact resistance is min 50m $\Omega$  - 100m $\Omega$  (adjustable according to customer requirements), operating temperature is -45 $^{\circ}$ C - +85 $^{\circ}$ C, voltage is 12V and durability is 20k - 100k.

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As the world's largest spring connector manufacturer, Yokowo offers a wide range of standard and custom pogo pins and connectors. Space saving and low profile spring pin designs are available for maximum design freedom.

For more information, including samples and pricing, please contact Yokowo America Corporation, 9939 Hibert St., #106, San Diego, CA, 92131, Phone: (858) 547-3520, Fax: (858) 547-3552, email: [yokowo@yokowo.com](mailto:yokowo@yokowo.com) [1] or visit [www.yokowoconnector.com](http://www.yokowoconnector.com) [2].

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### **Links:**

[1] <mailto:yokowo@yokowo.com>

[2] <http://yokowo.us1.list-manage1.com/track/click?u=cce83525d9a6edfa9e89caf187f538&id=0ea2f9bbbd&e=9c141ed160>