



# Creating Connection Perfectly

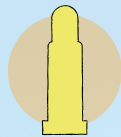
*The Best Connector Provider*

# Applications of C.C.P.'s Product

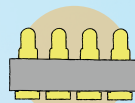
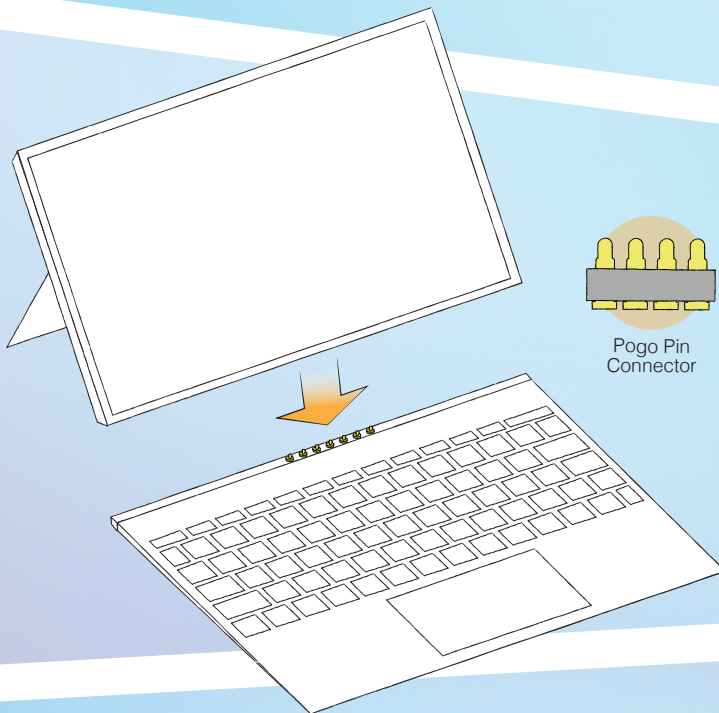
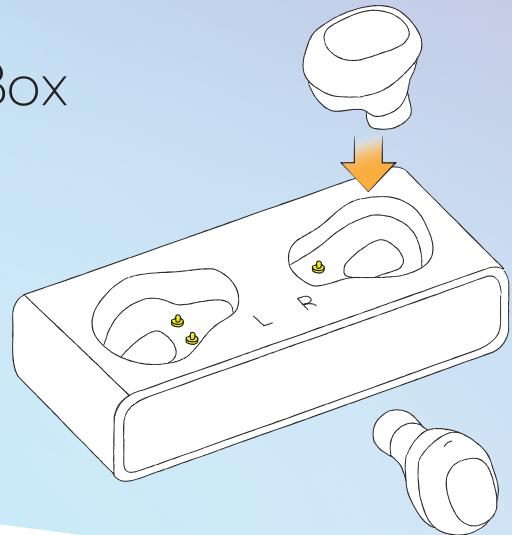
## Wireless Earbud Charging Box

There are more and more wireless earbuds in the market. Pogo pin connector is a perfect solution for customized charging boxes.

Beside gold, we also provide silver and black coating for your cosmetic needs.



Spring Loaded Pogo Pin



Pogo Pin Connector

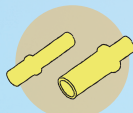
## 2 in 1 Tablet

Connectors with multiple pins can be used as the interface between tablets and removable keyboards. Usually, it's with magnets for easier usage.

It's also applicable in hi-frequency data transmission if needed.



Crown Spring

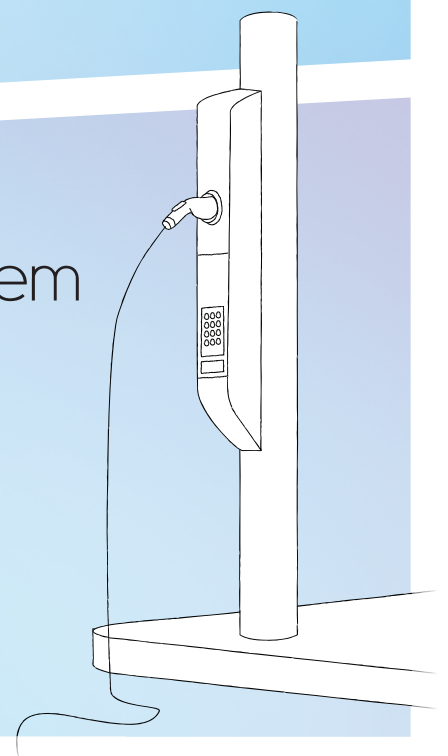
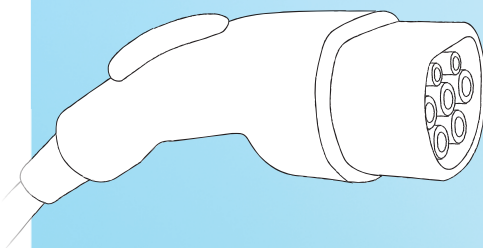


Crown Spring Terminal

## EV Charging System

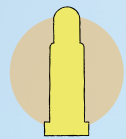
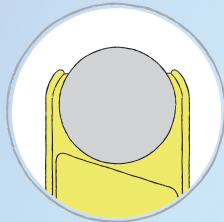
Our patented crown spring can be used in high current connection. It has high life cycle for the insertion-withdrawal movement during usage.

The crown spring can be used for electronic vehicle industry and can be designed into different EV standards including IEC 62196 in Europe.

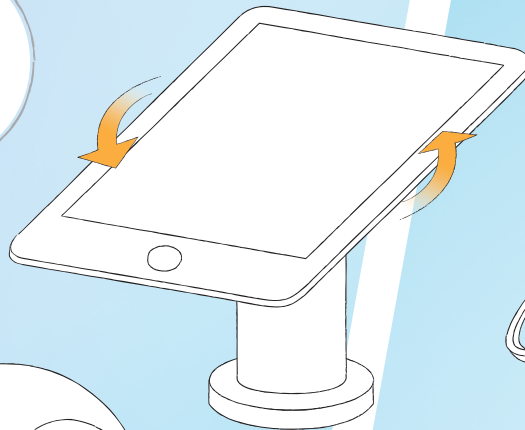
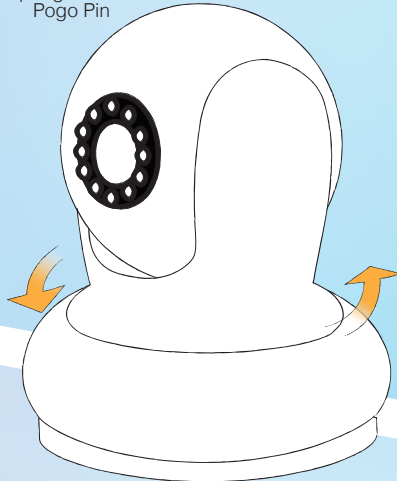


## Lateral Movement

We provide newly developed rolling pogo pin for lateral movement. Therefore, the matting side can be a circular track for a 360° strong rotation. It's a best solution for product display, rotating camera and robot, etc.



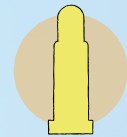
Spring Loaded Pogo Pin



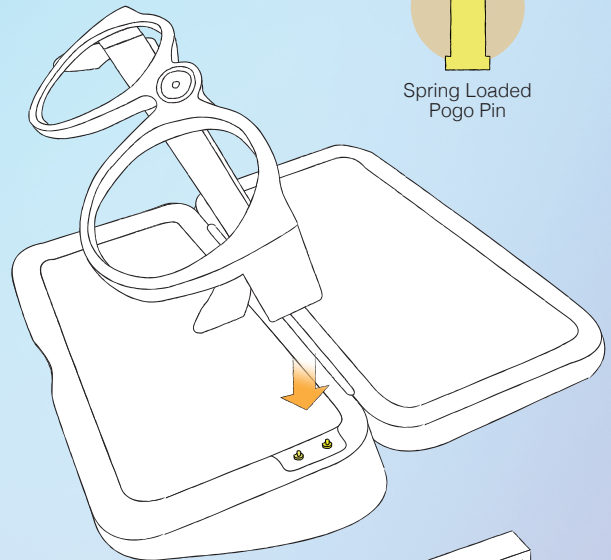
## Smart Glasses

Just like other smart devices, smart glasses also need battery for all the cool functions they have. Therefore a charging solution is needed.

Pogo pin connector is highly customized for the internal and external structure of your product. As compared with other connectors, it occupies smaller space and transmits stable electricity. High life cycle is also an advantage of it. It has up to 100'000 compression capability.

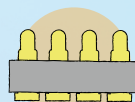


Spring Loaded Pogo Pin

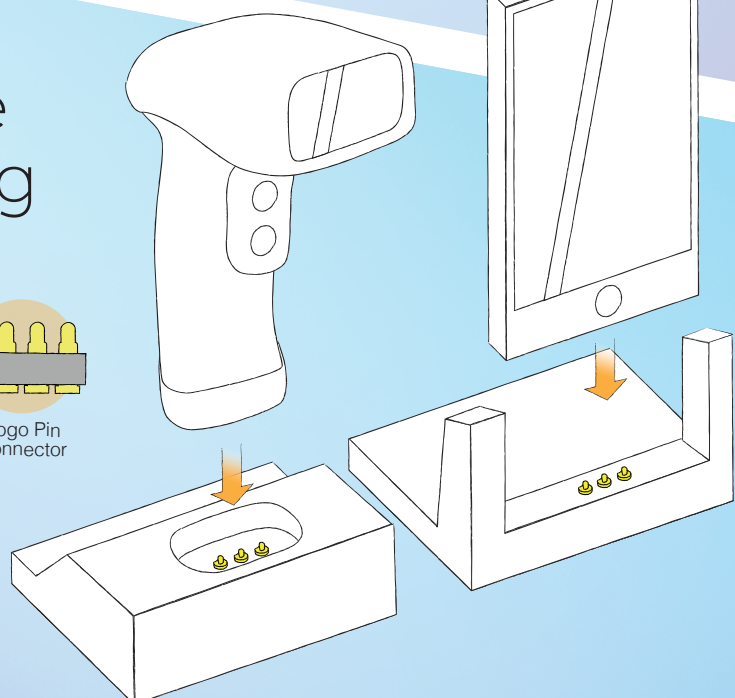


## Handheld Device Charging Docking

All the handheld devices including cell phones, barcode scanners and tablets need a solution for charging. Besides the regular USB cord for charging, pogo pin connectors can be easily designed into dockings.



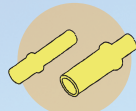
Pogo Pin Connector



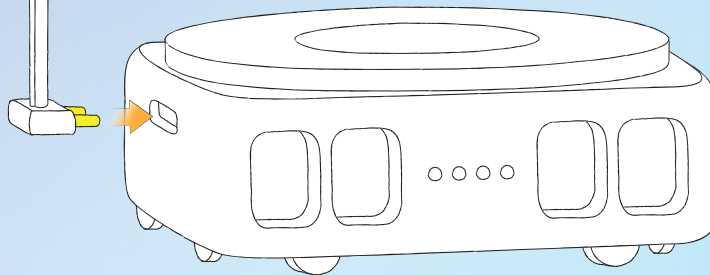
# Warehouse Robot



Crown Spring



Crown Spring Terminal

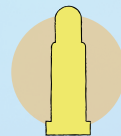


As the e-commerce growing, the need for warehouse automation system is also increasing.

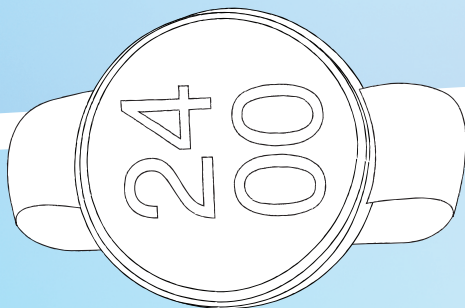
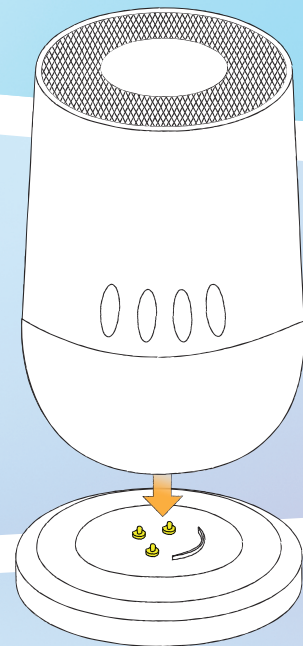
Our crown spring can be used for high current transitions for robotic charging and other battery systems. Main manufacturers in the field have employed our components.

## Smart Speaker

The smart speakers serve as a home controlling center in a modern household. A charging docking makes it movable in the house, and you can enjoy your convenient life anywhere.



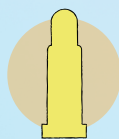
Spring Loaded Pogo Pin



## Smart Watch Charging

The wearable smart devices vary a lot in shapes. Customized docking can be easily designed with C.C.P.'s pogo pin.

Most of the wearable devices have waterproofing requirement. By employing different structure, the charging interface can reach IPX7 and higher.



Spring Loaded Pogo Pin



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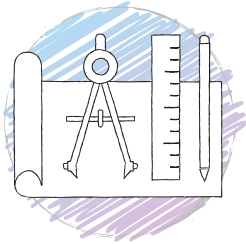


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Taipei, Beijing, Shanghai, Dongguan, Tokyo, Singapore, Bangalore, San Jose, Frankfurt

# Professional Advantages

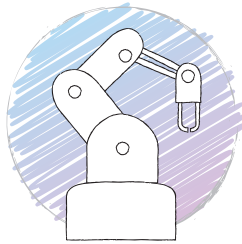


## Research Development

**Customization Ability**  
First-tier RD team

**Multiple Product Lines**  
Commercial/ High Current/  
Testing Field/ Industrial

**Multiple Coating Material**  
Gold/ Silver/ Black



## Manufacturing Ability

**Self-owned Lathing Machine**  
Speedy Sample Making

**Self-owned Plating Factory & Lab**  
Speedy Sample Making

**Automated Assembly Line**  
Hi-volume Mass Production



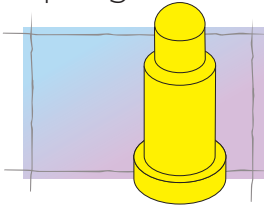
## Quality Control

**Certificate**  
ISO 9001/ ISO 14001/ ISO 14064/  
IATF 16949/ IECQ QC080000

**Test Equipment**  
Waterproof Test/ Thermal Test/  
Corrosion Test/ Life Cycle Test/  
Electrical Test/Cosmetic Test/  
X-ray Structure Inspection

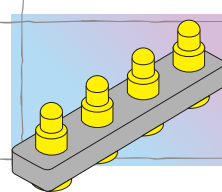
# C.C.P.'s Connector Components

## Spring Loaded Pogo Pin



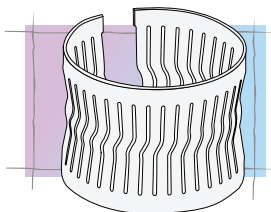
Spring-loaded pogo pin is highly **customized** for your product. The force and length of compression can be easily modified. There's **no mold tooling required**, so C.C.P. provides sample very quickly.

## Pogo Pin Connector



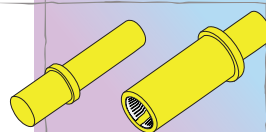
Multiple pins can be assembled with plastic housings. These connectors can reach IPX7 **waterproof** requirement with special structure. For **high-frequency data transmission**, we can provide bespoke solution for you.

## Crown Spring



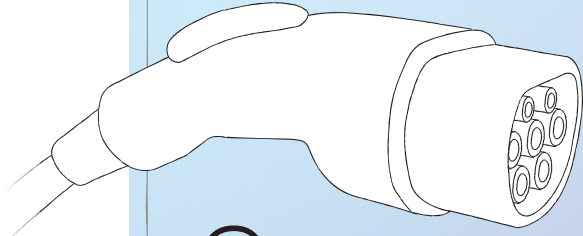
C.C.P.'s patented crown spring is our best solution for your **high current** connection. It has high life cycle with stable **low resistance** performance. We also provide terminals with the crown spring.

## High Current Terminals



By assembling crown springs with the metal parts, we can provide **male and female terminals**. The **insertion force, resistance and current** can be adjusted for IEC/SAE/GB standards.

# C.C.P.'s Product Lines

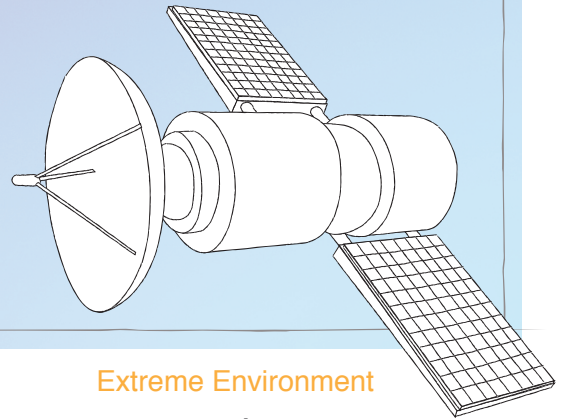


## Automobile

Electric Current:  
16A~250A

Electronic Vehicle  
High Current Connector

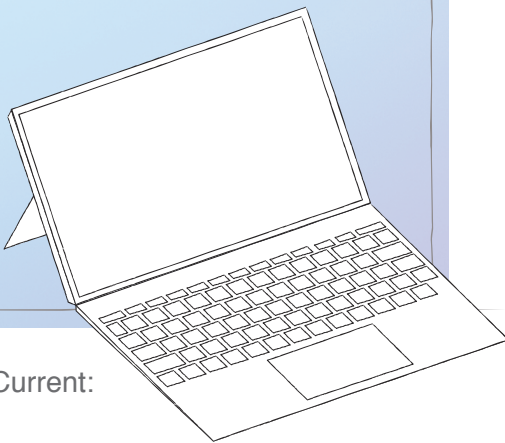
## Industrial



Extreme Environment

Aerospace  
Military  
Transportation

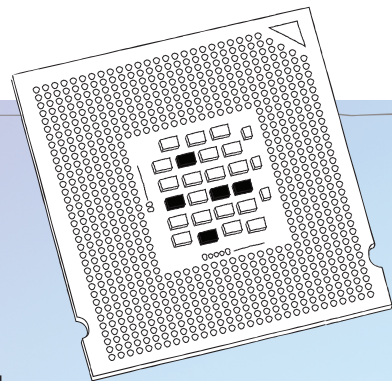
## Consumer Electronics



Electric Current:  
1A~13A

Pogo Pin Connector  
Waterproof Connector  
Magnetic Connector

## Testing



Testing Field

IC Testing Probe  
IC Probe Head  
PCB Testing Probe  
MEMS Probe



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