

New Energy Connector

High Current Connector
EV Charging Connector



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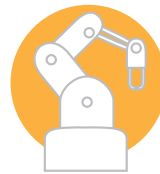
About Us: CCP

Advantages



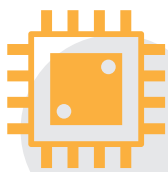
30 Years of Experience of Product Design with First-Tier Clients

Speedy and Flexible Design Process with Self-owned Turning and Plating Factory



Stable Products with Certified Quality Management System and High-end Equipments

Product Lines



Testing Solutions



High Current Connector Solutions



Commercial Connector Solutions



Industrial Connector Solutions

About Us: CCP

History

2018 CCP Germany/India Established

2016 New Energy Connector Product Line

2014 CCP USA Established

2003 Listed in Taiwan Stock Market (TW. 6217)

2002 Commercial Connector Product Line

2001 CCP Dongguan Established

1983 CCP Established/ Testing Product Line

Company Culture



Yearly Home Visit



Employee's Children Summer Camp

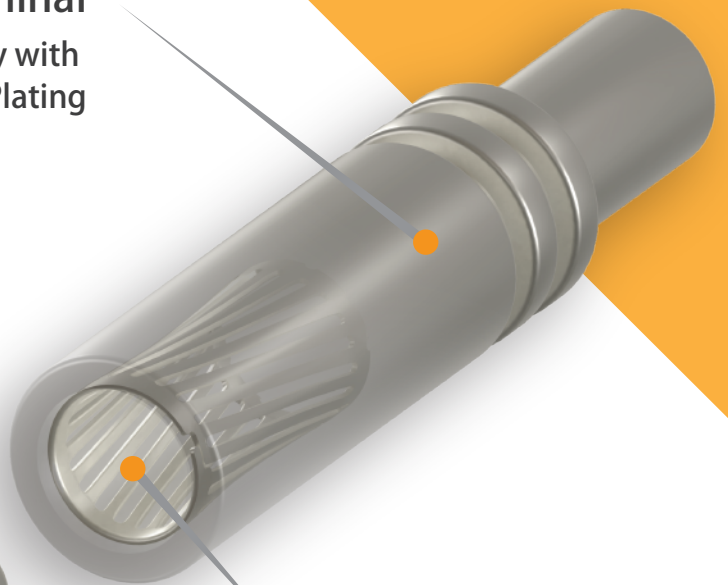


Tuition Subsidy for Employee's Children

Crown Spring and Terminals

Female Terminal

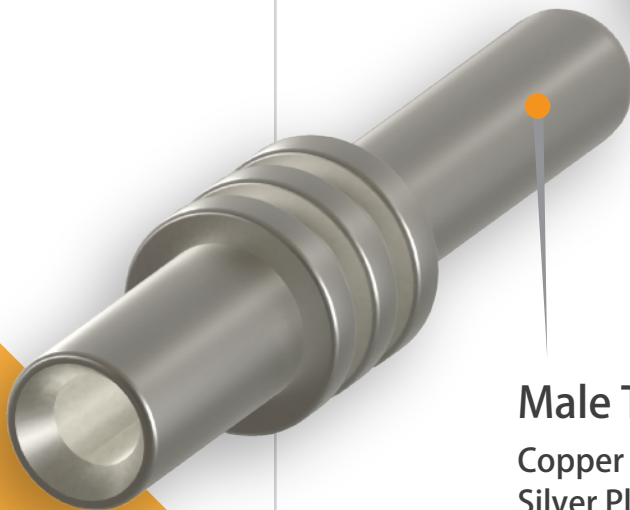
Copper Alloy with
Silver Plating



Crown Spring

Copper Alloy with
Silver Plating

up to 20000 Times Life Cycle



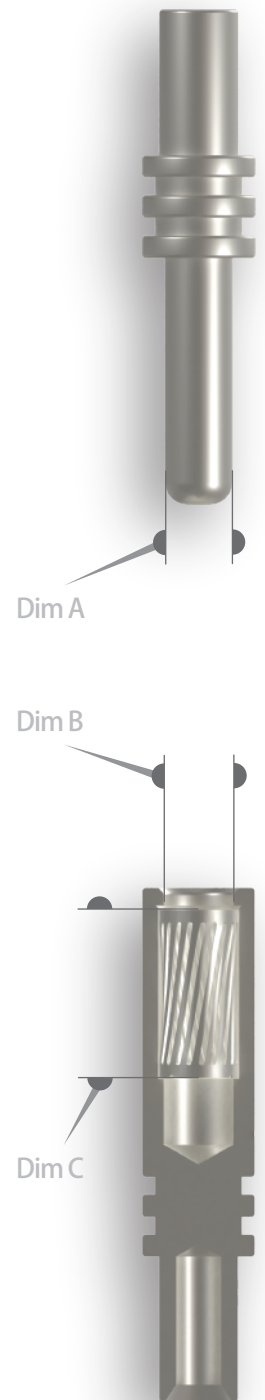
Male Terminal

Copper Alloy with
Silver Plating

Terminal Dimension

Male Terminal

Dim A (mm)	Dim B (mm)	Dim C (mm)	Current (Amp)
1.5	1.65	5.6/7.6	5~12
2.8	3.95	5.6/7.6	32~80
3.0	3.58	5.6	2.3
3.6	3.75	6.6/7.6	16~120
3.8	4.10	7.5	25
4.0	8.00	5.6	32
6.0	6.20/6.50	13.1/15.0	32~150
6.4	7.54	10.0	115
7.2	7.40	10.0	150
8.0	8.10/8.20	10.0/20.0	100~230
10.0	10.20	13.1/24.2	200~300
12.0	12.20	24.2	250~400
14.0	14.20	32.0	500
16.0	16.20	12.0/38.0	400~700
18.0	18.20	12.0	600
19.0	19.00	9.6	100



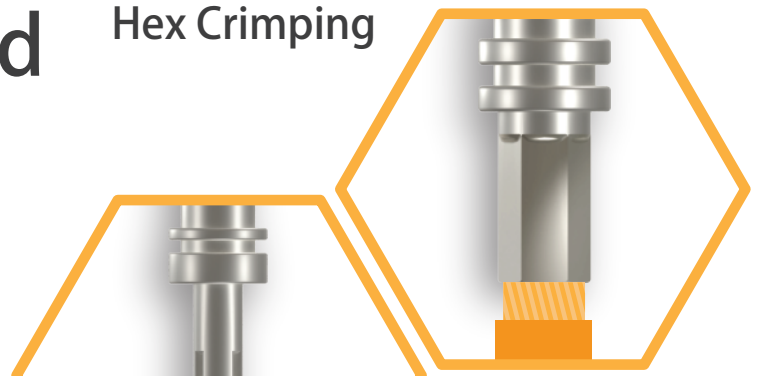
Female Terminal & Crown Spring

Besides dimensions on the list, CCP can customize for special request.

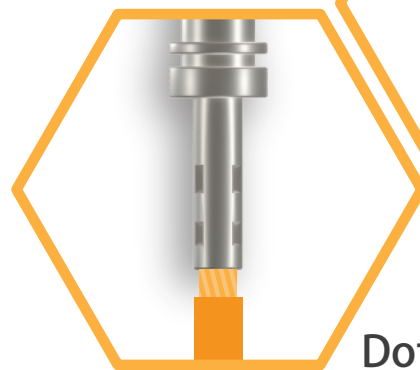
Wiring and Connector Type

Wiring Method

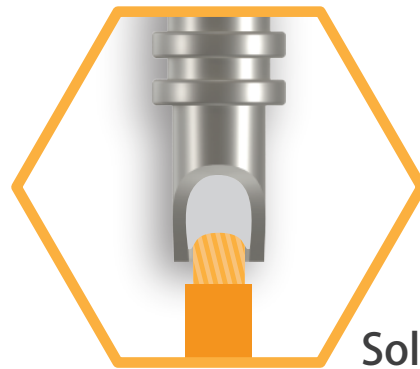
Hex Crimping



Dotted Crimping



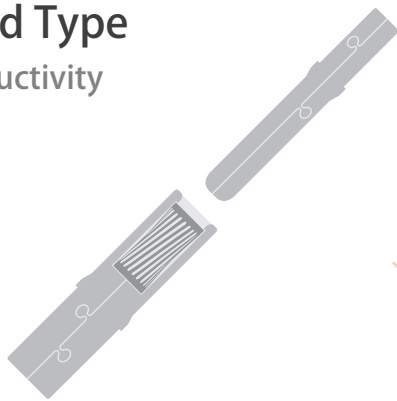
Soldering Cup



Connector Type

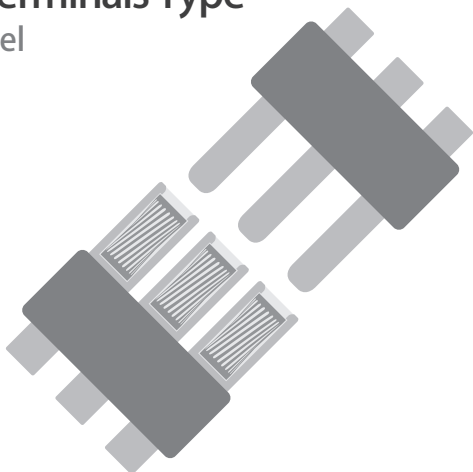
Stamped Type

High Productivity
Low Cost



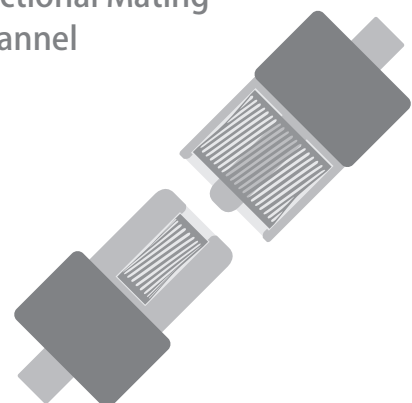
Multiple Terminals Type

Multi-Channel



Coaxial Type

Non-directional Mating
Multi-Channel

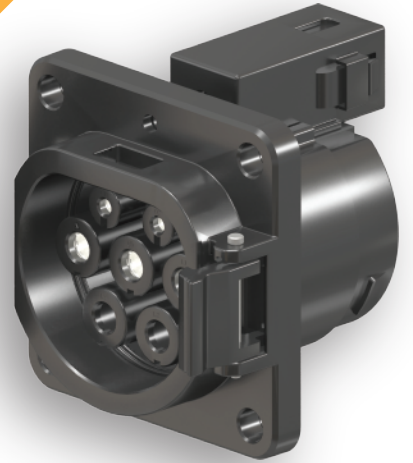


GB EV Charging Plug & Socket

AC Plug



AC Socket



AC Type



China Standard



Besides plug and socket for China GB Standard, CCP can provide terminal and crown spring for **Europe IEC** & **USA SAE** standard.



DC Socket




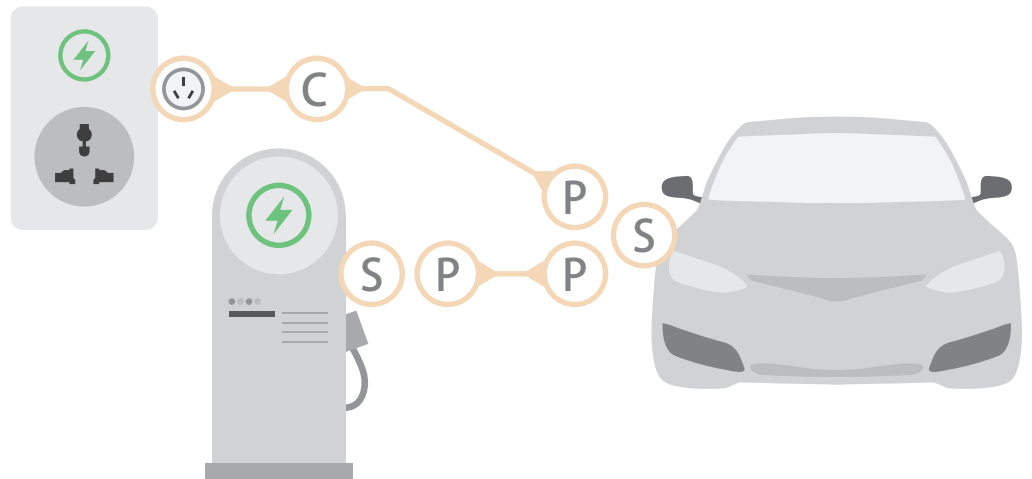
DC Type



AC Control Box

GB EV Charging Specs

- P** Plug
- S** Socket
- C** Control Box
-  Home Plug



	AC Plug	AC Socket	DC Socket
Rated Voltage (V)	250	250	750/1000
Rated Current (Amp)	16/32	16/32	80/125/ 200/250
Insulation Resistance (MΩ @1000V DC)	1000	1000	1000
Withsatnd Voltage (V AC)	2500	2500	2500
Mechanical Life (times)	>10'000	>10'000	>10'000
Insertion Force (N)	<100	<100	<140
Terminal Temp. Rise (ΔT @25°C)	<50°C	<50°C	<50°C
Operating Temp. (°C)	-40~80	-40~80	-40~80
Ingress Protection	IP55	IP55	IP55
Flame Rating	UL94 V-0	UL94 V-0	UL94 V-0
Standard	GB/T 20234.2 -2015	GB/T 20234.2 -2015	GB/T 20234.2 -2015

Verification Ability

Testing Items

Environmental

Waterproof

Humidity Test
Salt Spray

Thermal Impact

Resist. to Solder Heat

Vibration

Electrical

Contact Resistance
Insulation
HIPOT
Rated Current

Mechanical

Retention Force
Life Cycle
Vibration
Mechanical Shock

Other

Drop
Soldering Side Force
Solderability

Testing Equipment

Rated Current
Max Rating: 1000Amp



Waterproof
Test Level : IPX7 Up



Thermal Impact
Range: -60~120°C
Resolution: 0.01°C



Vibration 震動
Frequency: 3500Hz max.
Acceleration: 50G max.



Quality Management

Quality System

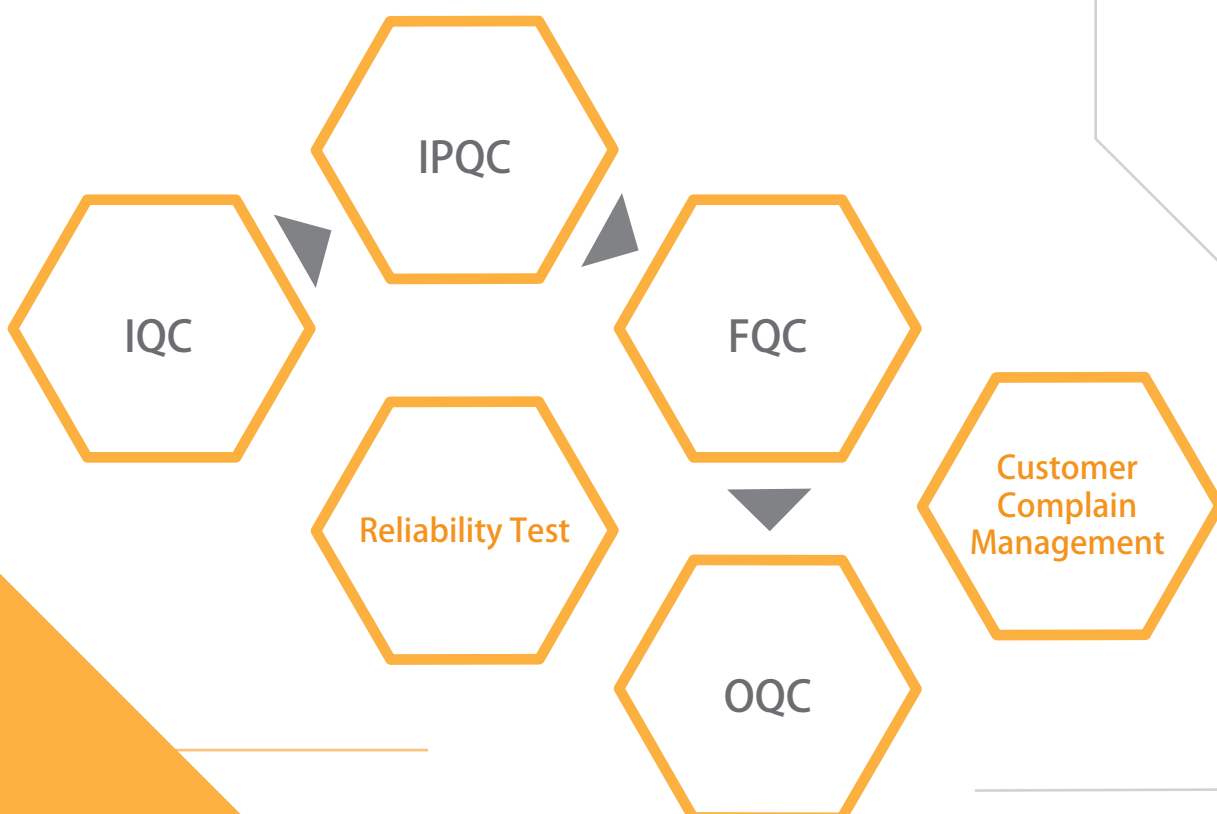
ISO 9001: 2015
Quality Management Systems

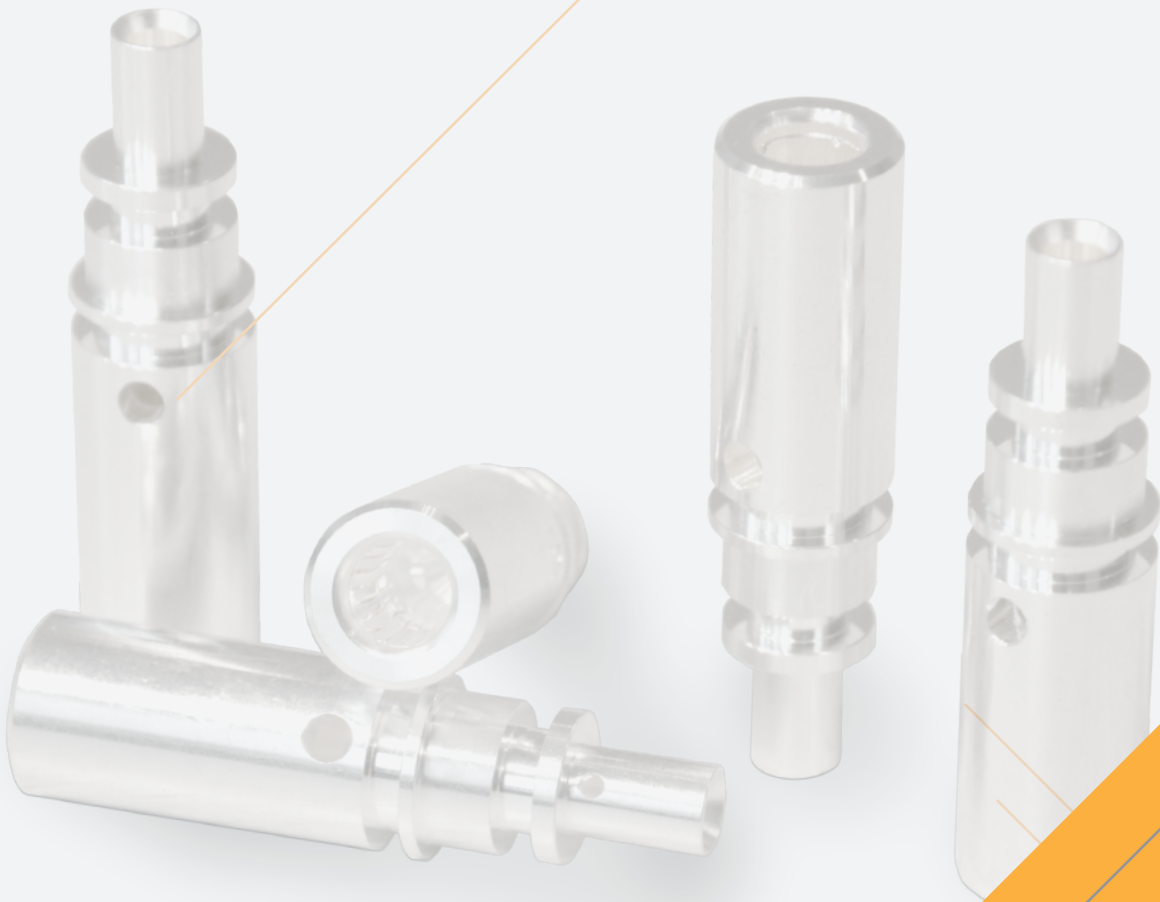
ISO 14001: 2015
Environmental Management System

IATF 16949: 2016
Automotive Quality Management System

QC 080000
Hazardous Substance Process Management

Quality Assurance





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