STOCK CODE: 300351



YGC-Special Segment Introduction

Content



YGC Profile



Business



Focused Products



Capability

YONGGUI

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Our Company

Yonggui Company (“YGC”) is a **high-tech enterprise** with 51 years expertise focused on the research and development, manufacturing, sales and technical support of connectors, connector systems and smart precision products. It was listed on **Shenzhen Stock Exchange** in September 2012. The products are distributed in the three major fields of **new energy and vehicle (58%), railway and industrial (36%), special market (6%).**

Yonggui has **726 national patents**, and has obtained ISO 9001, ISO/TS 22163, CRCC, ETL, UL and IATF16949 certifications.

Market Value
¥6,882M ($0.96B)

Consolidated sales
¥ 2,020M ($281M)

Employee
~2534 (34% engineers)

*market value at 2024/12/6; USD/CNY = 7.2

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50+ Years History of Entrepreneurship

World–Class Interconnect Supplier





1973 Foundation

1979 Build 1st connector

2008 Sichuan Yonggui Set up

2009 High speed train entry

2012 IPO;Enter new energy market







2014 Special market entry

2017 JV with Toyo (Japan)

TOYODENKI

2018 Yonggui Group establishment

2019+ Business transforming to new energy focus

2023 Globalization

2024 Singapore office & Thailand plant set up

Interconnect Solutions for Key Market Trends

New Energy
Electric vehicles; private charge & public charging; energy storage; wind power






Industrial
Railway, telecom & data center, off road, industry 4.0






Special Segments
Unmanned equipment, eVTOL, electric vessels, oil & gas





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Our Customers Around Global

China



Rest of APAC



Europe



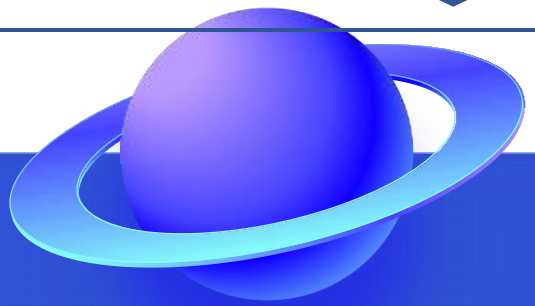
America



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*headquarter based regions

Products – Special Markets



- Defense
- Explosion-proof
- Shore power
- Nuclear power
- Deep-water
- Liquid-cooling

Products – Defense

Device-to-device interfaces



- Compliant with ARINC 600 standards for equipment cabinet connections.
- Modular design with up to 800 pins.
- Supports hybrid configurations of electrical, optical, differential, and coaxial connections.

External interface of the device - J599III. series



- Compliant with GJB599 (MIL-DTL-38999) III standards, designed for high-vibration (60g) and highly corrosive environments (1000h salt spray).
- Threaded connection with 5-key anti-mating error and anti-loosening lock structure.
- Comprehensive product range, including standard electrical, hermetic, and filtered connectors, supporting hybrid configurations of electrical, optical, differential, and coaxial connections.

Device External Interface-83723 series



- Compliant with GJB4337 (MIL-DTL-83723) III series standards, suitable for high-temperature and high-vibration environments such as aircraft engines, with an operating temperature range of -65°C to 260°C.
- Comprehensive range with 9 shell sizes, 6 keying positions, and over 30 contact arrangements.
- Features anti-rotation thread locking and optional sintering process for hermetic sealing requirements.

Products – Defense

External interface of the equipment - optical fiber



- Comprehensive product range, including J599 fiber optic products, YMF marine fiber optic products, JYS fiber optic products, fiber optic jumpers, standard adapters, and fiber optic cable reels.
- Features three-stage guided alignment and ASR structure for stable optical performance.
- Insertion loss ≤0.3dB, return loss ≥50dB.
- Supports up to 128-channel optical signal transmission (MT module).

Equipment External Interface - Micro Circular



- Utilizes twisted-wire elastic contacts, ideal for high-density connections in weight and size-constrained environments.
- Approximately 50%-60% the length and size, and 40% the weight of J599 series products.
- Threaded connection with anti-loosening self-locking mechanism.
- Features anti-mismating and misalignment protection.
- Resistant to high-intensity vibration and impact, with salt spray and rain protection.

External interface of the device - network



- Features RJ45, USB, and HDMI interfaces with high reliability, environmental resistance, and vibration/impact durability, ideal for network data interfaces in harsh environments.
- Protection rating up to IP67.

Products – Defense

In-device interface - micro rectangle series



- Comprehensive product range, including D-sub (military grade), J29A, J30J, and J63 series.
- Features twisted-wire elastic contacts with high contact density, ideal for space- and weight-constrained environments; J30J supports up to 160 pins.
- Enables electrical transmission between wire-to-wire, wire-to-board, and board-to-board connections.

Board-to-board interfaces



- Suitable for signal and power transmission between boards.
- Available in board-to-board and wire-to-board configurations, with pitch options including 1.27, 1.905, 2, 2.39, and 2.54 mm; supports up to 300 pins.

High frequency class



- Full range coverage: N/SSMP/2.92/1.85.
- Maximum frequency up to 65GHz (1.85).
- Minimum size: 3mm (SMPM).
- Low VSWR: 1.3 (at 65GHz).

Products – Explosion-proof

Explosion-proof products



- Proprietary technology, suitable for Zone 1 and Zone 2 explosive environments in the oil and gas industry.
- Available in two series: explosion-proof signal and explosion-proof power, with operating voltages of 12.5V, 60V, 250V, 400V, 600V, and 1000V.
- Explosion-proof rating: ExdⅡBT4Gb.
- Certified with 3C, CNEx, ATEx, and IECEx.

Safety-enhancing products



- Proprietary technology, suitable for increased safety environments in Zone 1 and Zone 2 of the oil and gas industry.
- Available in two series: increased safety signal and increased safety power, with operating voltages of 12.5V, 60V, 250V, 400V, 600V, and 1000V.
- Explosion-proof rating: ExeⅡT4Gc.
- Certified with 3C, CNEx, ATEx, and IECEx.

Products - Shore power/Nuclear power/Deep water

Shore power field



- Suitable for equipment control boxes in industries such as mining, docks, and ports.
- Can be used for both military and civilian applications.
- Operating voltage: 440V to 12,000V.
- Operating current: 300A to 800A.
- Primarily custom-designed to match specifications with major brands like KKV.

Nuclear power field



- Suitable for K1/K2/K3 environments in nuclear power plants and nuclear facilities.
- Radiation resistance: 2.5×10^5 Gy.
- Waterproof up to 100 meters.
- Primarily custom-designed to match specifications with brands like Surio.

Deep-water field



- Suitable for a maximum water depth of 7,000 meters.
- Available in metal and non-metallic shell options, with various sealing methods including glass sintering and overall rubber vulcanization.
- Primarily custom-designed to match specifications with brands like Surio.

Products – Liquid cooling

Liquid cooling system





Fluid connectors



流体连接器无需依靠工具，仅靠双手即可进行快速连接与断开，并保证在连接和断开的过程中不会出现内部液体的泄漏，具有双重密封功能。

LTF/LTFP系列盲插式、LTA/LTAX系列卡口式、LTC系列推拉式等三种连接方式多种通径规格的流体连接器，满足客户液冷系统中几乎所有流体连接需求。

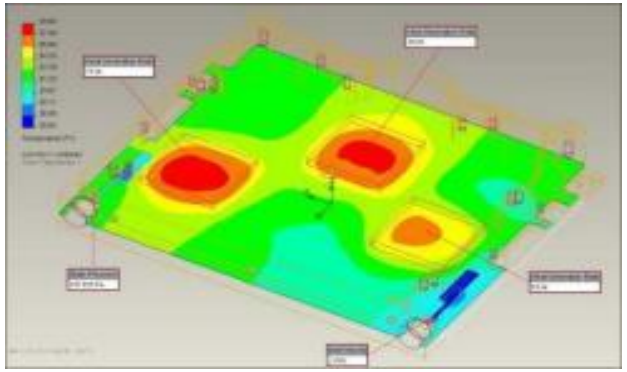
- 多种基体材质可供选择，以适应不同的工作环境；
- 多种密封件材质可供选择，以匹配不同的冷却介质；
- 多种接口方式可供选择，以满足客户多样化的系统连接需求。



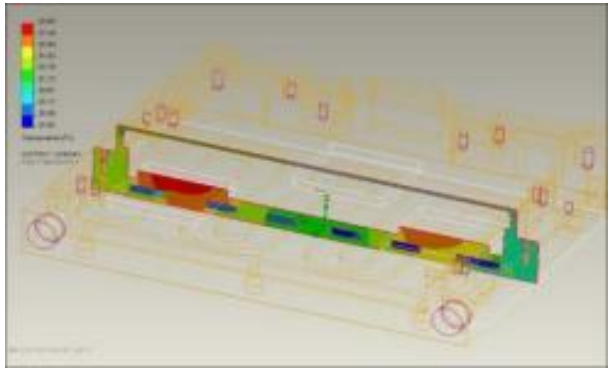
产品系列

产品系列

Liquid Cooling Module Temperature Heat Map



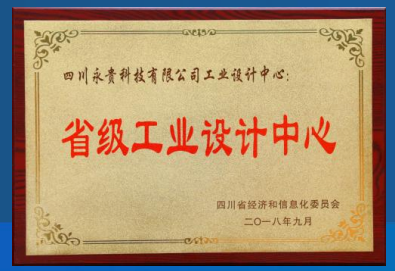
Liquid Cooling Module Cross-Sectional Temperature Heat Map



Industrial & Customer Awards



National IP Demonstration Company



State Industrial design center



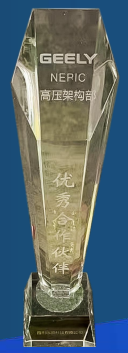
National High tech company



State Enterprise technology center



CRRC Best Supplier Award



GEELY Outstanding Partner Award



HONDA Best Supplier Award



CRRC Outstanding Contribution Supplier Award



SANY Best Supplier Award



Dongfang Electric Best Supplier Award



Changan Electrification Contribution Award



VTour Outstanding Partner Award

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Quality Systems



IATF16949



ISO14001



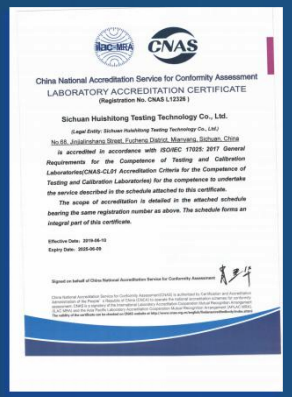
ISO45001



ISO9001



Explosion-proof system



ISO/IEC17025



GB/T29490



EN15085



QC080000



ISO/TS22163

- GJB9001C System Certification
- Level 2 Confidentiality Qualification Certificate
- Weaponry and Equipment Research and Production License
- Equipment Contractor Registration Certificate

Special Qualifications

YONGGUI

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Patents

726 patents authorized

128 Invention patents

562 utility model patents

36 appearance patents



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Core Technologies

Ring Spring Component



Ring Spring



Crown Spring Component



Crown Spring



Pawl Spring Component



Pawl Spring



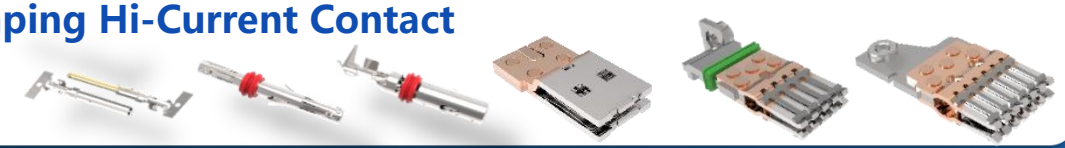
Hyperboloid Component



Twist Needle



Stamping Hi-Current Contact



Fiber Optic Connector

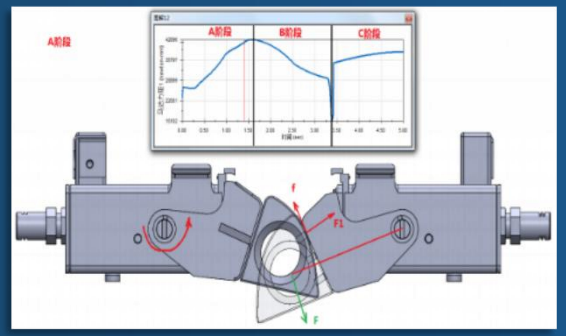


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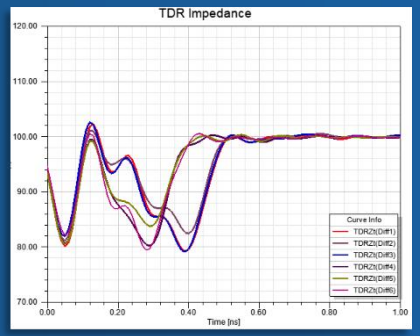
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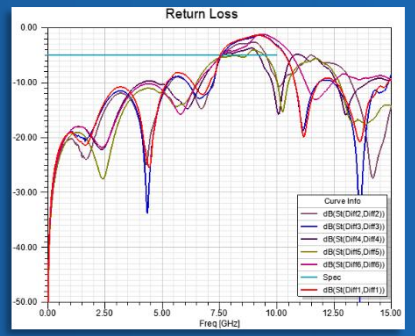
Engineering Simulation & Analysis Capability

structure strength

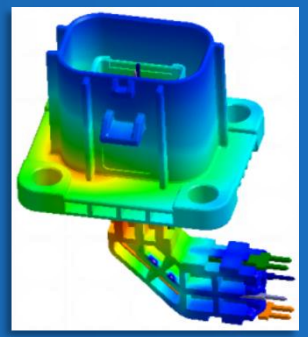


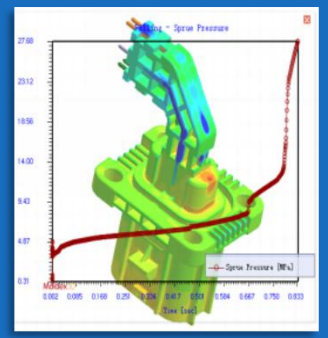
signal Integrity



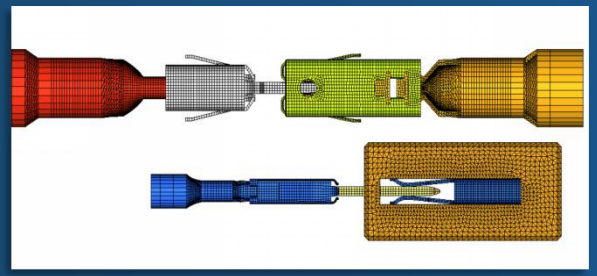


mold flow

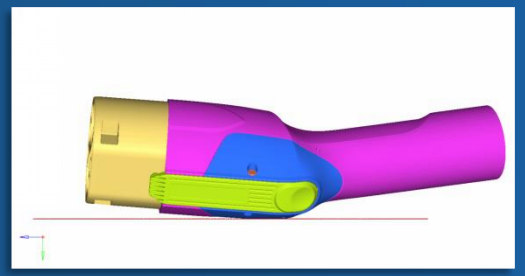




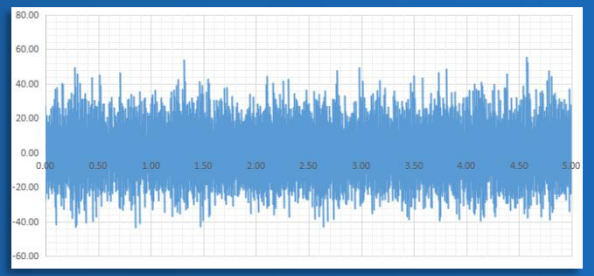
thermal analysis



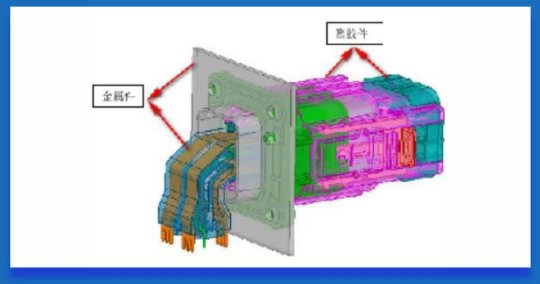
drop test



transient simulation



EMC



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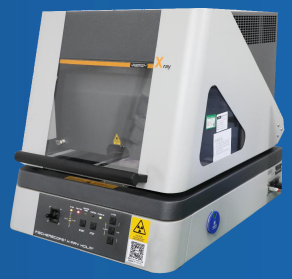
Test Center

- **CNAS Certification**
- **200+ Testers / Chambers**
- **Full Test Ability for Connectors**



















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Manufacturing Capability

VI model for quick response, quality improve & cost control

Injection Molding



Precision Machining



Plating Workshop



Stamping



Assembly



Molding Workshop



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Globalizing Sales & Operation Footprint



Sichuan
- Interconnect; gangway; pantograph
- Engineering center
- China South West Market

Changchun
- NEV connectors
- China North market

Shanghai
- Engineering center
- China East market

EMEA
- Germany

America
- Los Angeles



APAC
- Bangkok; Q4'24
- SEA focus; global supply

Zhejiang
- Railway interconnect
- Engineering center
- Railway market



APAC
- Singapore

Shenzhen
- Charging connector
- Engineering center
- China South market

- Headquarter
- Manufacturing site
- Engineering center
- Sales office

YONGGUI

Our Culture

» Vision



World class inter-connect supplier

» Mission



Technology connection to future

» Core Value



Diligence & cooperation

YONGGUI

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CONNECTION TO FUTURE