



WARMLY WELCOM
to open OUR MEDLON
connector catalog

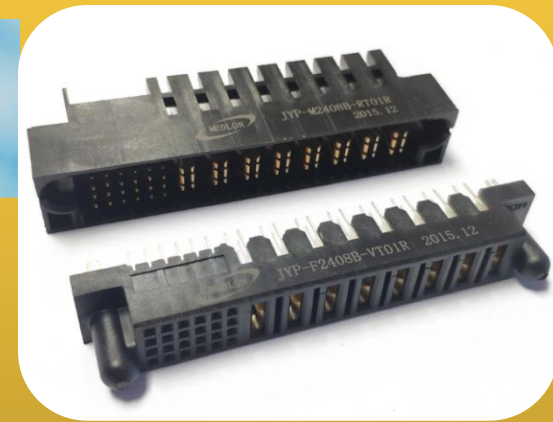
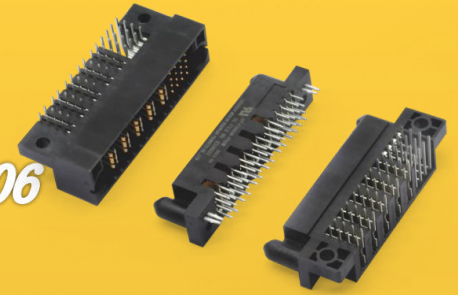
Sally team



www.medlonchina.com

MEDLON

Professional Power connector manufacturer from 2006



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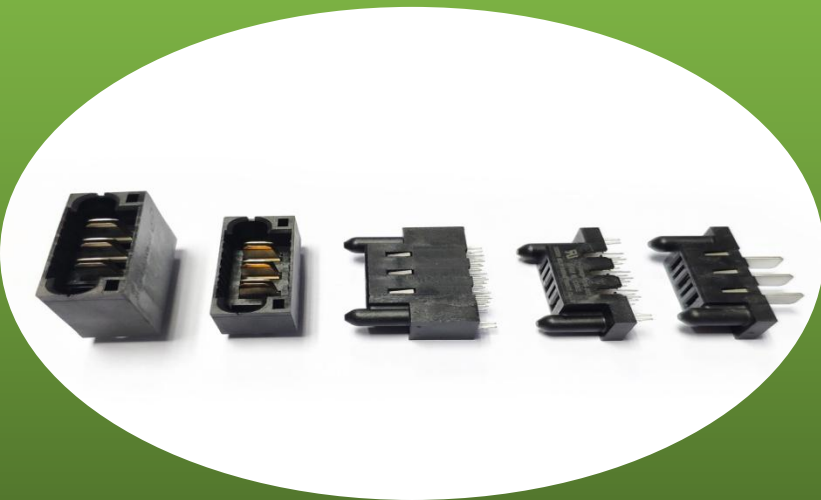
1. MEDLON History from 2006

A. **Headoffice:** Shenzhen Medlon Hardware Plastic Product Co.ltd , Setup in 2006;
Add: 401, B1 area, Industry purchase centre, Baoyuan road, Xi xiang Baoan district Shenzhen, Guangdong China.

B. **Factory:** Dongguan City MeiXinlong Hardware Plastic Products Co., Ltd.
(factory) **setup in 2010**

C. Hongkong MEDLON Industrial for overseas business setup in 2009

Website: www.medlonchina.com
www.medlonchina.en.alibaba.com



MEDLON



MEGMEET

HAN'S LASER 大族激光

Abjen

新星
POWERLORD®

invt

Unilumin 洲明

Goldpower 金威源

利亚德
LEYARD

AET®

迈锐光电
MR PHOTOELECTRICITY
LED全彩显示屏综合运营商

LITEON®

KSTAR

希达电子
Cedar Electronics

Gospower®
— Technology Series People —

MEDLON

3. MEDLON Products Application

1. JYP series: LED color displayer connector (64.2%)
Stable , convenient to mate



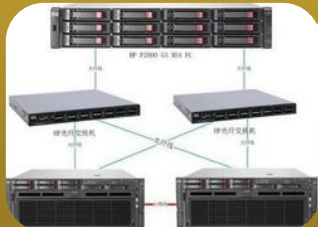
2. JYF Series (15.2%): Railway or drone power supply



MEDLON
Coonector's
Application

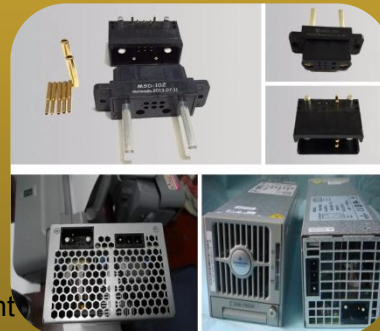
4. Others(5.8%)

connector :Medical Care Equipment
or new energy line



3B.(4.2%). JDC series: Communication equipment

High Efficiency Power Supply



3A.(10.6%). JDC power

connector
For comm. Control system or
drawer power supply

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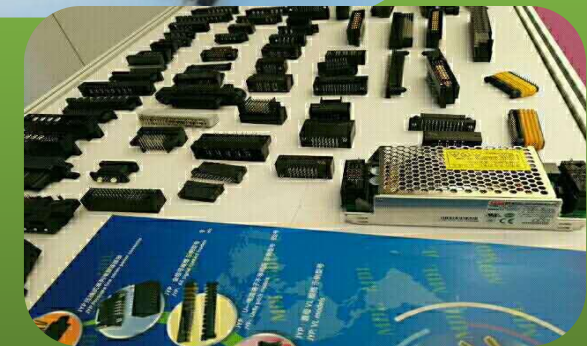


创联电源
新品上市 震撼来临

标准 (1.5mm) 防尘 (防尘) 全方位保护 高效节能

A-2008(PN R5)

A white power supply unit (PSU) with a label and a QR code. The label features the company logo and product information.





3.3. JYP blade connector advantage

- A. JYP powerblade connector with blade structure, with integration, small size, high power & high current (30~40A per power pin, 2.5A per signal pin) ,good conduction capacity, hot swap and contact smoothly ,blind-mate, with guide pole, higher connecting stabilization;
- B. MEDLON Patent products, which are adopted by many LED famous enterprises;
- C. DIY combination for signal pin (4~72 pin) and power pin (2~16 pin), free mold fee for new model, Reasonable product price;
- D. *Short L/T : 7-15 days ,top quality*
- E . With UL certification(UL No.:E358633) /IATF 16949:2016/Rohs2.0/ISO etc.
- F. Golden-plated 15um at contact area ,bottom plated nickel
- G. Housing material : PBT or PPA UL94-V, black.
- H. More pitch choice for power pin: 5.08mm/ 6.35mm/ 7.62mm /9.525mm
- I 100% replacement with Amphenol/TE/Molex/Samtec connector;
- J. MEDLON is an Amphenol distributor
- K. Professional power blade connector over 10 years;



Uninterrupted Power Supply



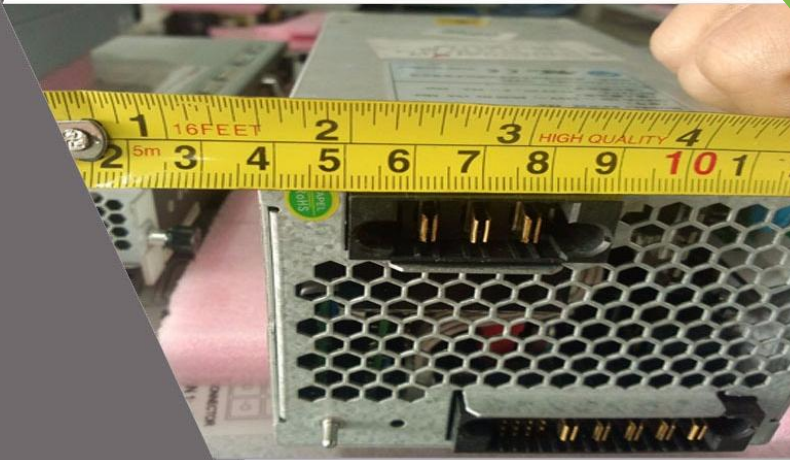
New energy equipment




Electrical Equipment

POWER BLADE CONNECTORS

- ✓ Compact structure
- ✓ Strong connection

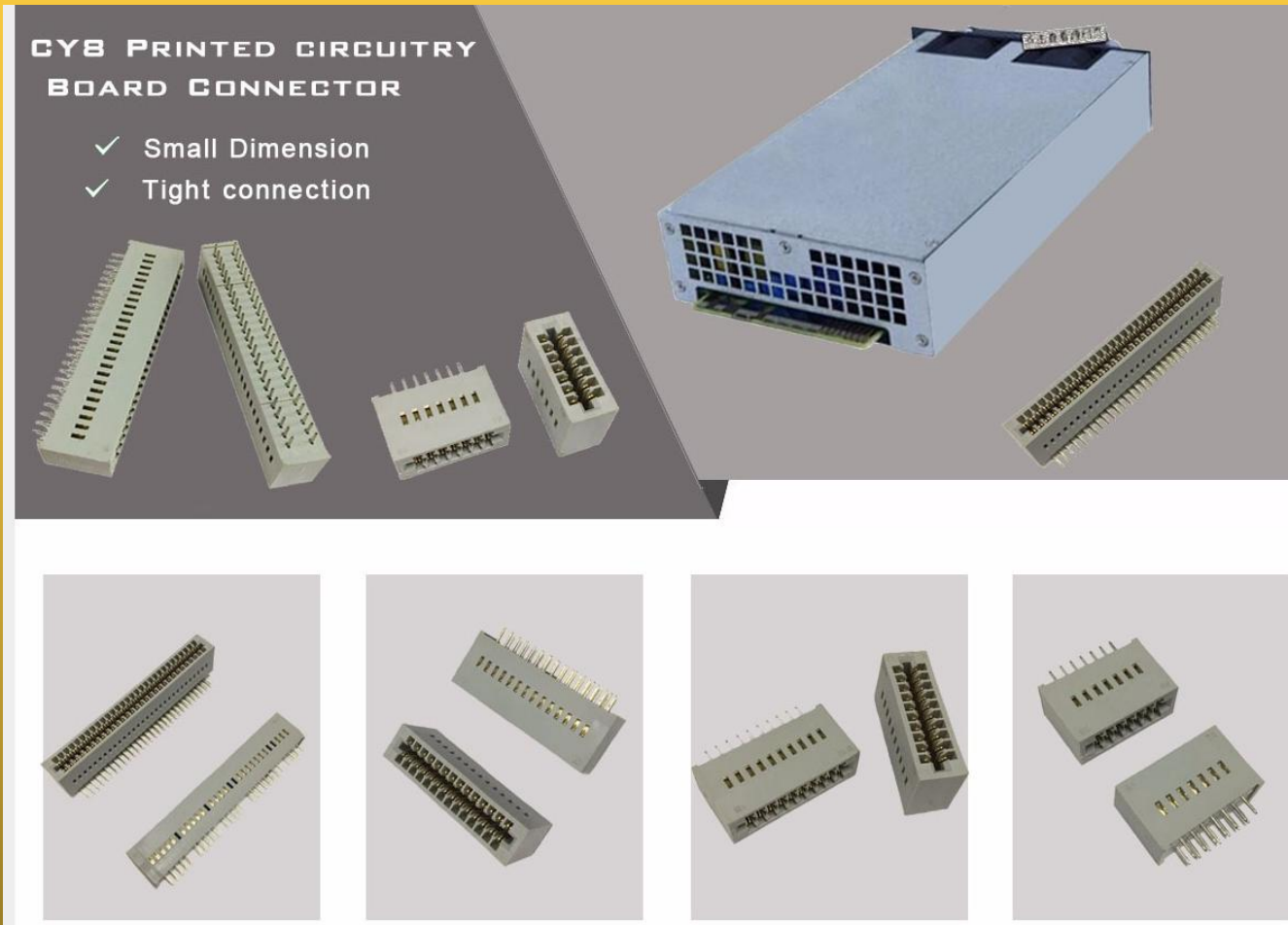


Our Powerblade connector is the important part for LED display power supply unit.

Connector Keypoint	MEDLON	Amphenol	Samtec
1.Service	MEDLON with 24-hour hot line	Only to serve for distributor	Only to serve for distributor
2. EXW price	RMB25/pair (Female and male) for below 10K QTY	RMB35.8/pair based on MOQ	RMB33.36/pair based on MOQ
3.Leadtime	7~15 days	3~4 months	3~4 months
4.Life cycle	1000 times	1000 times	500 times
5.Blade connector's selling advantage 1	High power for power contact (30~40A per pin) signal contact 1.5~2.5A per pin;	yes	yes
6.Blade connector VS multi-pin and big size connector	Blade connector, Small size to save space, Long stability and never need to repair, blind-mate, hot swap	Blade connector, Small size to save space, Long stability and never need to repair, blind-mate, hot swap	Many pins to parallel connect are easy to have quality risk for those pins are soft, holding big size are not easy to release heat
7. DIY model for Any customer requirement	DIY combination for signal contact (4~72 pin) and power contact (2~16 pin), free mold fee for new model 	Only sell current model, can't DIY	Only sell current model, can't DIY



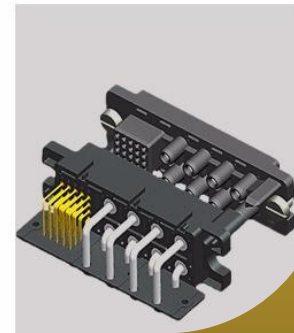
JYF series is a straight in reed double sided printed circuit board edge connector. It has the characteristics of small size, soft insertion and so on. The shell is made of thermoplastic PBT UL94V-O. The conductor contact parts are made of imported high performance copper alloy. They are plated with gold in the contact area. The end of the welding is tin plated and the bottom is nickel plated. General model: CY8-2.54, customers can install the corresponding contact points according to the requirements. The product has been UL certification, certification number: E358633. The product of contact pitch is 2.54MM, termination for the insertion of printed circuit board welding can be matched with $1.60 + 0.20\text{mm}$ for PCB, instrument, computer and other electronic equipment in connection with printed circuit.





JDC Series modular connector combines signal and power. This product uses the most advanced spring jack in the world as the contact part, so it has high dynamic contact reliability, and the floating installation can realize blind insertion.

In addition to the 20# contact gold plating, other contacts are silver plated. Plug (T) loaded pin, socket (Z) socket. At present, the contact parts are crimping, plate welding, welding and thread connection. We can according to customer requirements, in a short period of time, design your satisfied products. Products are used in intelligent high-frequency switching power supply, large-scale network, computer communication power supply, power supply, railway power supply, large LED power supply. Uninterruptible power supplies: UPS, etc.





MORE PRODUCTS



CONTACT PIN



CONTACT JACK

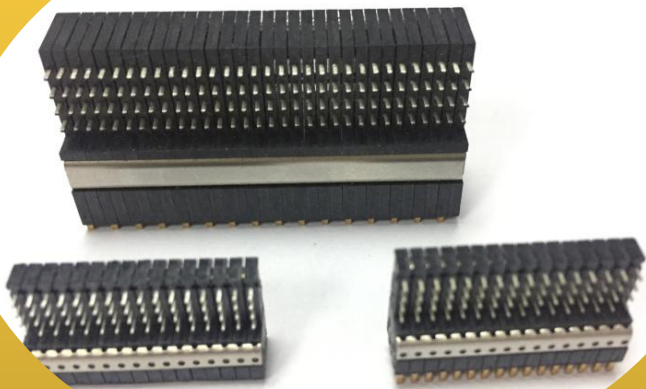
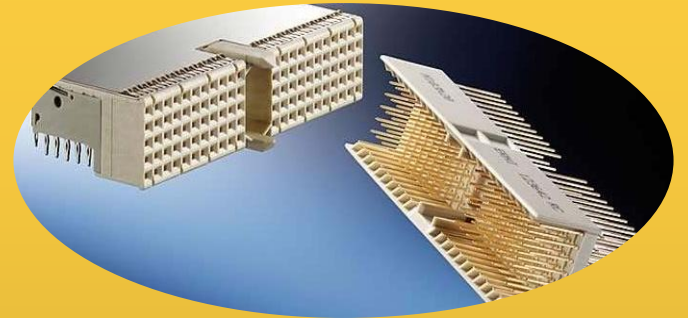




INSULATOR

- ✓ Fixed support
- ✓ Good insulation performance.





1. Material

A. Contact terminal: Brass C2680H;

B. Insulating housing: thermoplastic withstand high temperature JP LCP E130i, , black;

C. Fixed bracket: stainless steel SH304 1/2H

2. Plating:

Contact terminals: the contact area of the terminals is 30 Micro inches (0.75 microns) min; tin plated 100~200 inch (2.54~5.08 microns);

3. Electrical performance parameters:

Operating voltage: 300V DC;

Operating current: 1 A;

Contact resistance: 50 milli ohm max;

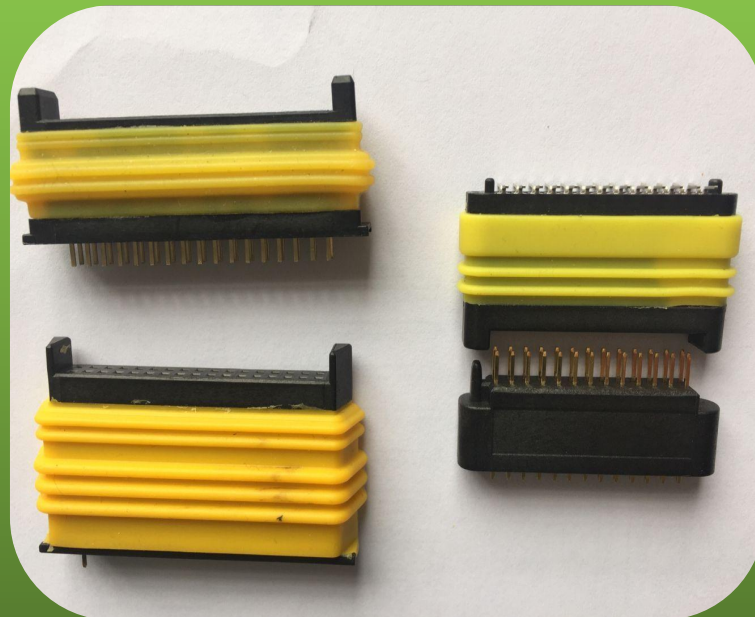
Insulation resistance: 1000 MEG ohm min

Withstand voltage: 1000V, AC/, 500V, DC; lasts 1 minutes, min without breakdown and arc;

4. Mechanical Parameters:

The upper surface of a single terminal is not sunk / loosened / cracked by 140GF; Single point ant-pressure is greater than or equal to 500gf;

5. packing: plastic tube packing, Anti-static material, 20pcs per tube



The special interface of outdoor LED display adopts PH2.54 pin type structure design. It has strong reliability and stable performance. It can prevent blind insertion.

8. Production Line



Stamping Dep.



Injection Dep.



Shaping Dep.



8.1 Factory Appearance





MEDLON 9.1. Quality control machine



Salt spay testing machine



High temperature testing machine
& film thickness tester.



- Good team work , all products are controlled by our own factory





12. Thanks for your valued time and warmly welcome to visit our MEDLON factory



Well begun, half done! Hopely we have more chance to discuss connector business face to face.

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QQ:2028237946

-----MEDLON sally

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