

# Oupiin America Inc.

**NEW PRODUCT**

## In This Issue

[Specifications](#)

[Applications](#)

## Quick Links

[News](#)

[More About Us](#)

[Contact Us](#)



## 4976 Series

We are introducing a unique interconnect system on 3mm grid spacing, capable of carrying 5 Amps per contact and incorporating many features previously only found on larger power connectors. This rugged series of single and dual row, wire-to-wire and wire-to-board connectors are suitable for many power and signal applications. The new 4976 series connectors are compatible with the Molex® Micro Fit 3.0™ series 43020, 43025, 43045, 43030 and 43031. *Molex® Micro Fit 3.0 are trademarks of Molex®.*

## Specifications

Current rating: 5A AC, DC

Voltage rating: 250V AC, DC RMS

Temperature range: -25°C~+85°C

Contact resistance: 10Meg  $\Omega$  Max.

Contact material: Tin plated phosphor bronze

Insulation resistance: 1000Meg  $\Omega$  Min.

Withstanding voltage: 1500V AC/Minute

### Current rating per contact

| Wire Size   | Amps |
|-------------|------|
| 20 ~ 22 awg | 5    |
| 24 awg      | 4    |
| 26 awg      | 3    |
| 28 awg      | 2    |
| 30 awg      | 1    |



If you would like us to quote your current requirements, Please use this convenient link to send us your drawing

[Email specification](#)

## Applications

Fan Assemblies

AC Power Line Cords

Slot Machines

Exercise Equipment

Mainframe Computers

Satellite Boxes

Power Supplies

Vending Machines

Gaming Machines

Backplane Applications

POS Systems

[Download Specifications](#)

**Up Coming Issues**

4973 4.20 mm at 9 amps.

4977 6.35 mm at 11 amps and panel mount.

With two manufacturing facilities in Asia as well as warehouses and distribution available from around the world, we can ship to any location you require.

**Sincerely,**  
Randy Ryan  
Oupiin America Inc.

**661-294-0228 or 800-820-7446**  
**[www.oupiin.com](http://www.oupiin.com)**

*Molex® Micro Fit 3.0 are trademarks of Molex®.*