

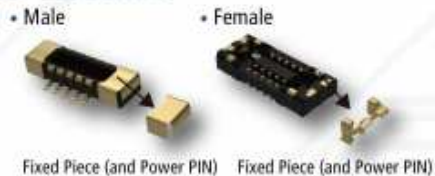


Oupiin 2394 Series

Fine Pitch Board to Board Connectors 0.35mm Compatible with JAE's WP27D

Product Features

- Ultra-Slim, 0.35mm Pitch, 0.70mm stack height.
- Buckle terminal structure for high contact performance and a better feel for mating.
- FIXED POWER PIN design to achieve 5.0A high current flow.



Male and Female
Terminal buckle Area

Insulator Material

HOUSING:
LCP, UL94V-0, Black.

SIGNAL CONTACTS:
Phosphor Bronze.
Gold Plated on Contact Area and
Gold Flash on Solder Tail over Nickel.

OPERATING TEMPERATURE:
-40°C ~ +85°C

Electrical Characteristics

CURRENT RATING:
0.3 AMP For Signal PIN,
5.0 AMP For Power PIN.
DIELECTRIC WITHSTANDING VOLTAGE:
250V AC .
INSULATOR RESISTANCE:
100M Ω min.
CONTACT RESISTANCE:
70m Ω max For Signal PIN,
20m Ω max For Power PIN.

Product Applications

- Micro Circuits
- Communications
- Laptops
- Automotive
- Consumer Products



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Oupiin Enterprise Co., Ltd

Connectors & Cables

Integrity, Efficiency, Consistency & Innovation

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Oupiin 2379 Series

**Fine Pitch Board to Board Connectors 0.40mm
Compatible with Panasonic AXE 5/6 Series**

Product Features

- Ultra-Slim design, 0.40mm Pitch, 0.80mm stack height.
- Stable Contact performance and a better feel for mating.

Insulator Material

HOUSING:
LCP, UL94V-0, Black.

SIGNAL CONTACTS:
Phosphor Bronze.
Gold Plated on Contact Area and
Gold Flash on Solder Tail over Nickel.

OPERATING TEMPERATURE:
-55°C ~ +85°C

Electrical Characteristics

CURRENT RATING:
0.3 AMP.

DIELECTRIC WITHSTANDING VOLTAGE:
150V AC .

INSULATOR RESISTANCE:
1000M Ω min.

CONTACT RESISTANCE:
90m Ω max.

Product Applications

- Micro Circuits
- Communications
- Laptops
- Automotive
- Consumer Products

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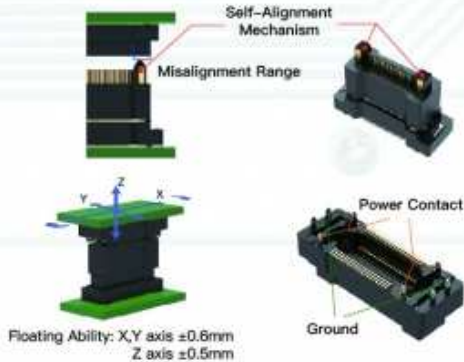
2631 Series

0.5mm Floating Board-to-Board Connector

Floating Board to Board Connector is a type of connector with the capability of floating. These connectors are designed to allow relative movement between two circuit boards. They enable one board to move to some extent or adjust its position while maintaining the connection. This is particularly useful in applications that require adjustments in alignment or positioning between the boards because it allows for physical flexibility while keeping the connection intact.

Product Features

- 0.5mm Pin count 20P through 120P
- Guiding mechanism provides Self-Alignment during insertion assembly, ensuring smoother product mating.
- After mating, there is a certain amount of movement in the X/Y axis to absorb any stresses generated during assembly, while the Z-axis accommodates the tolerance in the bonding of the upper and lower PCBs.
- Dedicated power pin/ground pin design.
- 8 Gbps NRZ / 16Gbps PAM4
- 100 Mating cycle



Product Material

Housing: LCP, UL94V-0, Black.
Contact: C7025-TM03, Gold Plated on Contact Area and Gold Flash on Solder Tail over Nickel 50~100u"
Operating Temperature: -55°C~+105°C

Electrical Characteristics

Current Rating: 0.5A for Signal Pin
 3A for Power Pin.
Dielectric Withstanding voltage:
 AC 150V for Signal Pin.
 AC 600V for Power Pin.
Insulation Resistance:
 100mΩ min for Signal Pin.
 1000mΩ min for Power Pin.
Contact Resistance:
 70mΩ max for Signal Pin.
 20mΩ max for Power Pin.

Product Applications

- Automotive and Transportation
- Medical Devices
- Industrial Control and Automation
- Consumer Electronics
- Communications Equipment
- Energy and Energy Management
- Electronic Testing and Measurement



always happening
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