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**Part Number:** [2140940040](#)  
**Status:** **Active**  
**Overview:** [OneBlade 1.00mm-Pitch Wire-to-Board Connector System](#)  
**Description:** OneBlade Header, 1.00mm Pitch, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 4 Circuits, Tape and Reel

**Documents:**

|                                      |  |
|--------------------------------------|--|
| <a href="#">3D Model</a>             | <a href="#">Product Specification 2140920000-PS-000 (PDF)</a>    |
| <a href="#">2D Drawing DXF (PDF)</a> | <a href="#">Packaging Specification 2140949200-SPK-200 (PDF)</a> |
| <a href="#">2D Drawing (DXF)</a>     | <a href="#">Datasheet (PDF)</a>                                  |
| <a href="#">3D Model (PDF)</a>       | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Drawing (PDF)</a>        |  |

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">214094</a>   |
| Application    | Signal, Wire-to-Board  |
| Overview       | <a href="#">OneBlade 1.00mm-Pitch Wire-to-Board Connector System</a> |
| Product Name   | OneBlade   |
| UPC            | 195842620766   |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 4                     |
| Circuits (maximum)             | 4                     |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 6.50mm                |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Matte Tin             |
| Material - Plating Termination | Matte Tin             |
| Material - Resin               | Polyamide             |
| Net Weight                     | 177.200/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.00mm                |
| Pitch - Termination Interface  | 1.00mm                |
| Plating min - Mating           | 1.000µm               |
| Plating min - Termination      | 1.000µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Robotic Placement              | Vacuum Pick-Up Area   |
| Surface Mount Compatible (SMC) | Yes                   |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
|-------------------------------|------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[214094 Series](#)

**Mates With**

OneBlade Receptacle Housing

Links:214092

Voltage - Maximum

100V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

2140949200-SPK-200

Product Specification

2140920000-PS-000

Sales Drawing

2140940000-SD-000

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