



**Part Number :** [2011970181](#)  
**Product Description :** Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Dual Row, Vertical, 18 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Black  
**Series Number :** 201197  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

**Drawings**  
[2011970181\\_sd.pdf](#)

**3D Models and Design Files**  
[2011970181\\_stp.zip](#)

**Specifications**  
[2011960000-A00.pdf](#)  
[2011960000-A01.pdf](#)  
[2011979200-200.pdf](#)  
[2011960000-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2024)7663-DC (21 Jan 2025)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |                                                                                                                                               |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                        |
| Category       | PCB Headers and Receptacles                                                                                                                   |
| Series         | 201197                                                                                                                                        |
| Description    | Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Dual Row, Vertical, 18 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Black |
| Application    | Signal, Wire-to-Board                                                                                                                         |
| Component Type | PCB Header                                                                                                                                    |
| Product Name   | Spot-On                                                                                                                                       |
| UPC            | 191128251389                                                                                                                                  |

#### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 3.0A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

#### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 18    |
| Circuits (maximum)             | 18    |
| 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          | Yes   |

|                                |                       |
|--------------------------------|-----------------------|
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Matte Tin             |
| Material - Plating Termination | Matte Tin             |
| Material - Resin               | Polyamide             |
| Net Weight                     | 2746.060/mg           |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Pitch - Mating Interface       | 2.00mm                |
| Pitch - Termination Interface  | 2.00mm                |
| Plating min - Mating           | 1.000µm               |
| Plating min - Termination      | 1.000µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Shrouded                       | Fully                 |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface Style    | Surface Mount         |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                          | Part Number   |
|----------------------------------------------------------------------|---------------|
| 2.00mm Pitch, Spot-On Dual Row Receptacle Housings and TPA Retainers | <u>201196</u> |

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