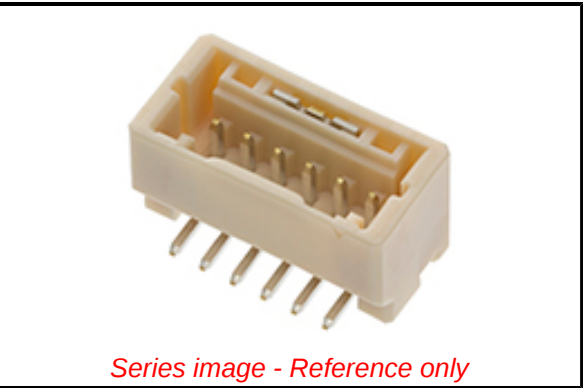


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**Part Number:** [2012010040](#)  
**Status:** **Active**  
**Overview:** [Spot-On Wire-to-Board Connector System](#)  
**Description:** Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Single Row, Vertical, 4 Circuits, Matte Tin (Sn) Plating, Natural



**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification 2011960000-A00 \(PDF\)](#)  
[Product Specification 2011960000-A01 \(PDF\)](#)  
[Product Specification 2012000000-PS-000 \(PDF\)](#)  
[Packaging Specification 2012019200-200 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |                                                        |
|----------------|--------------------------------------------------------|
| Product Family | PCB Headers                                            |
| Series         | <a href="#">201201</a>                                 |
| Application    | Signal, Wire-to-Board                                  |
| Overview       | <a href="#">Spot-On Wire-to-Board Connector System</a> |
| Product Name   | Spot-On                                                |
| UPC            | 191128253031                                           |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 4                     |
| Circuits (maximum)             | 4                     |
| Color - Resin                  | Natural               |
| 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                     | 1297.300/mg           |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| 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                   |
| Robotic Placement              | Vacuum Pick-Up Area   |
| Shrouded                       | Fully                 |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[201201](#) Series

**Mates With**

Spot-On Receptacle Housing [201200](#)

**Material Info**

**Reference - Drawing Numbers**

|                         |                                                   |
|-------------------------|---------------------------------------------------|
| Packaging Specification | 2012019200-200                                    |
| Product Specification   | 2011960000-A00, 2011960000-A01, 2012000000-PS-000 |
| Sales Drawing           | 2012010060-SD-000, 2012011060-SD-000              |

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