

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

2012010120

Status:

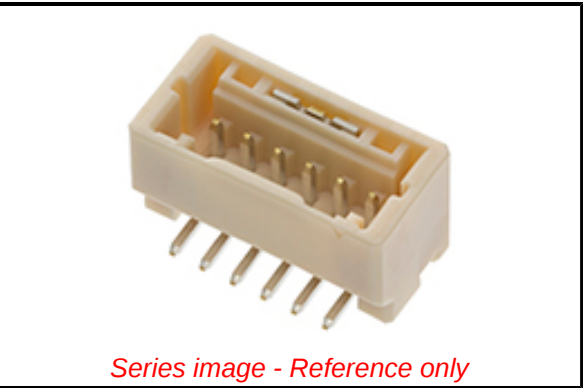
Active

Overview:

Spot-On Wire-to-Board Connector System

Description:

Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Single Row, Vertical, 12 Circuits, Matte Tin (Sn) Plating, Natural



|                                                            |                                                               |
|------------------------------------------------------------|---------------------------------------------------------------|
| Documents:                                                 |                                                               |
| <a href="#">3D Model</a>                                   | <a href="#">Product Specification 2011960000-A01 (PDF)</a>    |
| <a href="#">3D Model (PDF)</a>                             | <a href="#">Product Specification 2012000000-PS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                              | <a href="#">Packaging Specification 2012019200-200 (PDF)</a>  |
| <a href="#">Product Specification 2011960000-A00 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |

|                                |                                        |
|--------------------------------|----------------------------------------|
| General                        |                                        |
| Product Family                 | PCB Headers                            |
| Series                         | 201201                                 |
| Application                    | Signal, Wire-to-Board                  |
| Overview                       | Spot-On Wire-to-Board Connector System |
| Product Name                   | Spot-On                                |
| UPC                            | 191128253529                           |
| Physical                       |                                        |
| Breakaway                      | No                                     |
| Circuits (Loaded)              | 12                                     |
| Circuits (maximum)             | 12                                     |
| 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                     | 2742.160/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                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2020)9139-DC (19 Jan 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| 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              |

This document was generated on 02/25/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**