# molex

**Part Number :** 2012010091

**Product Description :** Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Single Row, Vertical, 9 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Black

**Series Number :** 201201

**Status :** Obsolete

**Product Category :** PCB Headers and Receptacles

## Documents & Resources

## 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)4144-DC (27 June 2024) |
| 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

## Part Details

### General

| Status | Obsolete |
|---|---|

| | |
|---|---|
| Category | PCB Headers and Receptacles |
| Series | 201201 |
| Description | Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Single Row, Vertical, 9 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Black |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | Spot-On Wire-to-Board Connector System |
| Product Name | Spot-On |
| UPC | 191128253383 |

## Electrical

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

## Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 9 |
| Circuits (maximum) | 9 |
| 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 | 2283.200/mg |
| Number of Rows | 1 |
| 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 |
| Robotic Placement | Vacuum Pick-Up Area |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Surface Mount |