



**Part Number :** [2012010040](#)

**Product Description :** Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Single Row, Vertical, 4 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Natural

**Series Number :** 201201

**Status :** Active

**Product Category :** PCB Headers and Receptacles



---

## Documents and Resources

### Drawings

[2012010040 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[2011960000-A00.pdf](#)

[2011960000-A01.pdf](#)


[2012019200-200.pdf](#)

[2012000000-PS-000.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)

EU RoHS

Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

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

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

---

## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	201201
Description	Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Single Row, Vertical, 4 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Natural
Application	Wire-to-Board
Component Type	PCB Header
Keyword	Spot-On 2.0
Product Name	Spot-On
UPC	191128253031

### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Gender	Male
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	Tin
Material - Plating Termination	Tin
Material - Resin	Polyamide (PA)
Net Weight	1297.300/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
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

---

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
2.00mm Pitch, Spot-On Single Row Receptacle Housings	<u>201200</u>

---

This document was generated on May 27, 2026