Part Number : 2011970161

Product Description : Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Dual Row, Vertical, 16 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Black

Series Number : 201197

Status : Active

Product Category : PCB Headers and Receptacles

## Documents & Resources

### Drawings

Drawing_2011970161_sd.pdf

### 3D Models and Design Files

3D Model_2011970161_stp.zip

### Specifications

Application Specification_2011960000-A00.pdf
Application Specification_2011960000-A01.pdf
Packaging Specification_2011979200-200.pdf
Product Specification_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(2023)8585-DC (23 Jan 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 | Active |
| Category | PCB Headers and Receptacles |
| Series | 201197 |
| Description | Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Dual Row, Vertical, 16 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 | 191128251334 |

### Electrical

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

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| 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 | 2500.080/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 |
| Robotic Placement | Vacuum Pick-Up Area |
| Shrouded | Fully |
| 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 Dual Row Receptacle Housings and TPA Retainers | 201196 |