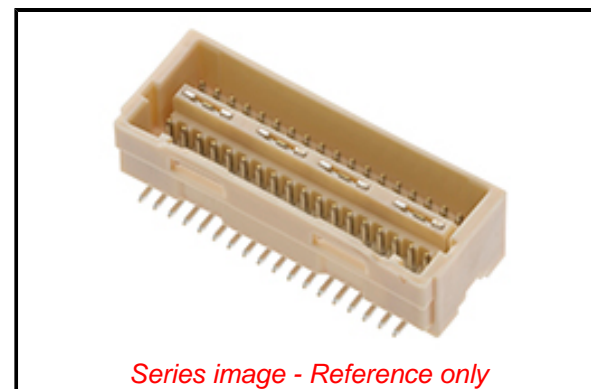


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Part Number: [2016460180](#)
Status: **Active**
Overview: [Spot-On Wire-to-Board Connector System](#)
Description: Spot-On Wire-to-Board Header with Nail, 1.50mm Pitch, Dual Row, Vertical, 18 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Natural

Documents:

| | |
|--|--|
| 3D Model | Application Specification 2016440000-A00 (PDF) |
| Drawing (PDF) | Application Specification 2016440000-A01 (PDF) |
| 3D Model (PDF) | Packaging Specification 2016469200-200 (PDF) |
| Product Specification 2016440000-000 (PDF) | RoHS Certificate of Compliance (PDF) |



Series image - Reference only

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 201646 |
| Application | Signal, Wire-to-Board |
| Overview | Spot-On Wire-to-Board Connector System |
| Product Name | Spot-On |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 889056835909 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| 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 | 1848.000/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.50mm |
| Pitch - Termination Interface | 1.50mm |
| 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 | 2.0A |
| Voltage - Maximum | 100V AC (RMS)/DC |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[201646 Series](#)

Mates With

Spot-On Receptacle Housing [201644](#)

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--------------------------------|
| Application Specification | 2016440000-A00, 2016440000-A01 |
| Packaging Specification | 2016469200-200 |
| Product Specification | 2016440000-000 |
| Sales Drawing | 2016460001-000 |

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