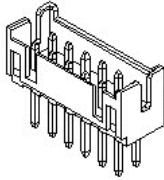


**Part Number: 68146-2018****2.00mm Pitch Wire-to-Board Header, Dual Row, Vertical, Shrouded, 20 Circuits, Black**

Status: **OBSOLETE**
Replacement: Contact Molex
Series: [68146](#)
Category: PCB Headers

*Series image - Reference only***Mates With Part(s):**[35560](#) Wire-to-Board Housing**Product Environmental Compliance**[EU RoHS:](#) Compliance Status Not Reviewed[China RoHS:](#)[REACH SVHC:](#)[Low-Halogen Status:](#) Not Reviewed**Part Detail****General**

| | |
|---------------|-----------------------|
| Status | Obsolete |
| Category | PCB Headers |
| Series | 68146 |
| Application | Signal, Wire-to-Board |
| Product Name | N/A |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 20 |
| Circuits (maximum) | 20 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Tin-Lead |
| Material - Plating Termination | Tin-Lead |
| Material - Resin | Nylon |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 3.00mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Bag |
| Pitch - Mating Interface | 2.00mm |
| Plating min - Mating | 2.032µm |
| Plating min - Termination | 2.032µm |
| Polarized to Mating Part | Yes |
| Shrouded | Partial |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Through Hole |

Electrical**(Please review the Product Specification for specific details.)**

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 2A |
| Voltage - Maximum | 125V |

Material Info

| | |
|-----|--------------|
| UPC | 756054302644 |
|-----|--------------|

Reference - Drawing Numbers

| | |
|-----------------------|--------------|
| Product Specification | PS-35560-001 |
| Sales Drawing | SD-68146-001 |

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)