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PRODUCTS

Home: PCB Receptacles >

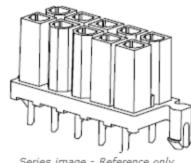
Part Number: 46101-1011

INDUSTRY SOLUTIONS

Mini-Fit® Plus High Cycle Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, 10 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Gold (Au) Flash Over Palladium Nickel (PdNi) Contact Plating

Go to Part Detail▼

RESOURCES



Status: **OBSOLETE** Replacement: Contact Molex Series: 46101 Category: **PCB** Receptacles Overview: Mini-Fit Products CHECK DISTRIBUTOR INVENTORY

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Series image - Reference only

Mates With Part(s):

15-06-0106 Mini-Fit® BMI Plug, 46099-1011 Mini-Fit® High Cycle Vertical Header, 46100-1011

Mini-Fit® High Cycle Right Angle Header

CAREERS

Product Environmental Compliance

EU ELV: Product not active

EU RoHS: Product not active

EU RoHS Phthalates: Product not

active

China RoHS:

REACH SVHC:Product not active

Low-Halogen Status: Product not active

EU RoHS Certificate of Compliance (PDF) 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

Questions on Product Environmental Compliance? Email ProductCompliance@molex.com Request Molex's CMRT from conflictminerals@molex.com

Tooling specifications and manuals are

Application Tooling

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

Part Detail

General

COLLAPSE ALL

| Status | Obsolete |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category | PCB Receptacles |
| Series | <u>46101</u> |
| Application | Board-to-Board, Power, Wire-to-Board |
| Comments | Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit Plus HCS™ Crimp Terminal Crimped to 16 AWG wire. See Molex product specification for additional current derating information. |
| Overview | Mini-Fit Products |
| Product Name | Mini-Fit® Plus |
| UPC | 822350570336 |
| ▼ Dhysical | |

Physical

| Circuits (Loaded) | 10 |
|----------------------------------|-----------------|
| Circuits (maximum) | 10 |
| Color - Resin | Natural (White) |
| Durability (mating cycles max) | 1000 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | None |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 2.149/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 1.60mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Tray |
| Pitch - Mating Interface | 4.20mm |
| Plating min - Mating | 0.051µm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| 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.)

| Contact | 13.0A |
|-------------------|-------|
| Voltage - Maximum | 600V |
| | |
| | |

Antennas

PRODUCTS

Application Tooling Cable Assemblies Connected Lighting Connectors Copper Flex **Electrical Products** Industrial Automation Membrane Switches **Optical Solutions** Printed Electronic Solutions

Company Information

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