

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0466111008](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Jr. Compliant Pin Header, 4.20mm Pitch, Dual Row, Vertical, 8 Circuits, Bright Tin (Sn) Over Nickel (Ni) Plating, Black

**Documents:**

[3D Model](#) [Packaging Specification PK-5569-003-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-43879-001-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

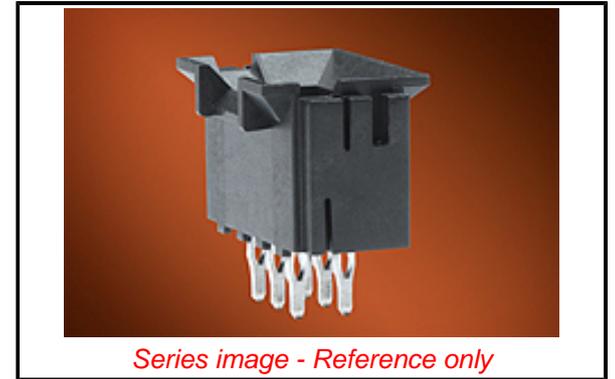
Product Family PCB Headers  
 Series [46611](#)  
 3D Viewer Yes  
 Application Board-to-Board, Power, Wire-to-Board  
 CURRENT-MAX-NUMERIC 6.0  
 Overview [Mini-Fit Jr. Power Connectors](#)  
 PITCH-MATING-NUMERIC 4.20  
 Product Name Mini-Fit BMI  
 UPC 884982415010

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Black  
 Durability (mating cycles max) 10  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Nickel  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 3.162/g  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Tray  
 Pitch - Mating Interface 4.20mm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 6.0A  
 Voltage - Maximum 600V AC (RMS)/DC



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[46611](#) Series

**Mates With**

[Linl:5557 Mini-Fit Jr. Receptacle Housing](#)

**Solder Process Data**

Lead-free Process Capability

N/A

**Material Info****Reference - Drawing Numbers**

Packaging Specification

PK-5569-003-001

Product Specification

PS-43879-001-001

Sales Drawing

SD-46611-0000-000

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