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**Part Number:** [0460100422](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Plus Connector System](#)  
**Description:** Mini-Fit Plus PCB Receptacle, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, 4 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Select Gold (Au) Over Nickel (Ni) Plating

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-42385-999-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Test Summary 423850000-TS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-45750-001-001 (PDF)</a>	

**Agency Certification**

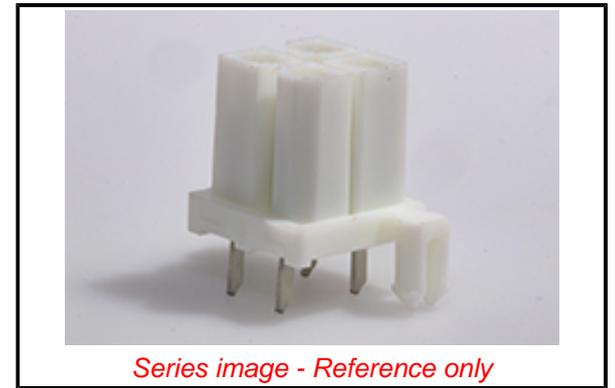
UL E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">46010</a>
Application	Board-to-Board, Power
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> Mini-Fit Plus HCS Crimp Terminal Crimped to 16 AWG wire. . See Molex product specification for additional current de-rating information.
Overview	<a href="#">Mini-Fit Plus Connector System</a>
Product Name	Mini-Fit Plus
UPC	883906716684

**Physical**

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.909/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**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**

[46010](#) Series

**Mates With**

[42404](#) Mini-Fit BMI Right Angle Header,  
[46011](#) Mini-Fit Plus Vertical Header, [42475](#)  
Mini-Fit BMI Plug Housing

Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 13.0A  
Grounding to PCB Yes  
Voltage - Maximum 600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005  
Lead-freeProcess Capability WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 235

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-42385-999-001  
Product Specification PS-45750-001-001  
Sales Drawing SD-46010-001-000  
Test Summary 423850000-TS-000

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