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Part Number: [0460140307](#)

Status: **Active**

Overview: Mini-Fit Family Power Connectors

Description: Mini-Fit Plus Header, 4.20mm Pitch, Single Row, Vertical, 3 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-2, Gold (Au) 0.76µm Over Nickel (Ni) Plating

Documents:

[Drawing \(PDF\)](#)

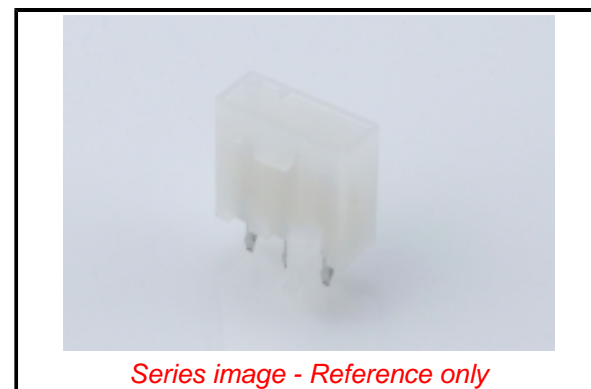
[3D Model](#)

[3D Model \(PDF\)](#)

[Product Specification PS-45750-001-001 \(PDF\)](#)

[Packaging Specification PK-5566-002-000 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	46014
Application	Board-to-Board, Power, Wire-to-Board
Comments	11.5A When using as Board-to-Board Applications 12.5A When Using as Wire-to-Board
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Plus
UPC	884982067509

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural
Durability (mating cycles max)	250
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	0.843/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[46014 Series](#)

Mates With

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

Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 11.5A, 12.5A
Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-free Process Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 240

Material Info

Reference - Drawing Numbers

Packaging Specification PK-5566-002-000
Product Specification PS-45750-001-001
Sales Drawing SD-46014-003-000

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