Part Number: **0460111002**

Status: **Active**

Overview: Mini-Fit Plus Connector System

Description: Mini-Fit Plus Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, 10 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) 1.27µm Over Nickel (Ni) Plating, Halogen Free

Documents:

Drawing (PDF)

3D Model

Product Specification PS-45750-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification

UL	E29179

General

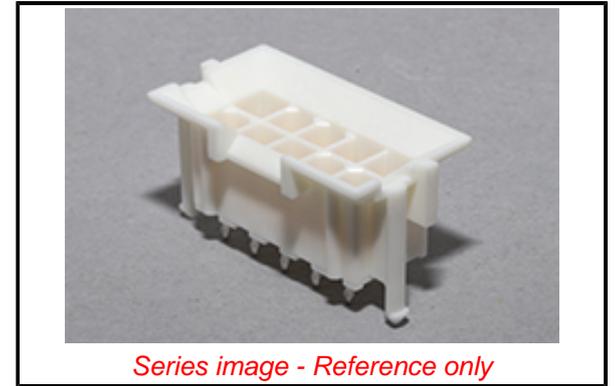|	
Product Family	PCB Headers
Series	46011
3D Viewer	Yes
Application	Board-to-Board, Power, Wire-to-Board
CURRENT-MAX-NUMERIC	13.0
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex product specification PS-45750-001 for additional current de-rating information.
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Overview	Mini-Fit Plus Connector System
PITCH-MATING-NUMERIC	4.20
Product Name	Mini-Fit Plus
UPC	822350726443

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.670/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	Yes

EU ELV
Not Relevant

EU RoHS   **China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
46011 Series

Mates With
15060101 Mini-Fit BMI Panel Mount Receptacle, 39012105 Mini-Fit Jr. Receptacle, 460101021 Mini-Fit Plus Receptacle Header

PCB Thickness - Recommended   1.78mm
Packaging Type   Tray
Pitch - Mating Interface   4.20mm
Plating min - Mating   2.540µm
Plating min - Termination   1.270µm
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

Electrical
Current - Maximum per Contact   13.0A
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   240

Material Info

Reference - Drawing Numbers
Product Specification   PS-45750-001-001
Sales Drawing   SD-46011-001-000
Symbol/Footprint Data   SYM-46011-100X

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