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Part Number:

0460111403

Status:

Active

Overview:

Mini-Fit Plus Connector System

Description:

Mini-Fit Plus Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, 14 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, 0.76µm Gold (Au) Selective Plating, Halogen Free

Documents:

3D Model

Drawing (PDF)

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

RoHS Certificate of Compliance (PDF)

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	
PITCH-MATING-NUMERIC	4.20
Product Name	Mini-Fit Plus
UPC	822350726498
Physical	
Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural
Durability (mating cycles max)	50
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	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	3.575/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	Yes



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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

46011 Series

Mates With

15060041 Mini-Fit BMI Panel Mount Receptacle, 39012045 Mini-Fit Jr. Receptacle, 460100422 Mini-Fit Plus Receptacle Header

PCB Thickness - Recommended	1.78mm
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
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-46011-140X

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