

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0460140503

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Plus Header, 4.20mm Pitch, Single Row, Vertical, 5 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) Over Nickel (Ni) Plating

Documents:

3D Model (PDF)

3D Model

Drawing (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 in Board-to-Board applications; 12A when using in Wire-to-Board applications
Component Type	PCB Header
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Plus
Taxonomy	PCB Headers and Receptacles
UPC	884982067783
Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Natural
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
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	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	1.336/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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

46014 Series

Mates With

5557 Mini-Fit Jr. Receptacle Housing

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	11.5A, 12.0A
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	
Packaging Specification	PK-5566-002-000
Product Specification	PS-45750-001-001
Sales Drawing	SD-46014-001-000

This document was generated on 01/03/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION