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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



Series image - Reference only

Documents:	
3D Model (PDF)	Product Specification PS-45750-001-001 (PDF)
3D Model	Packaging Specification PK-5566-002-000 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

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
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
Surface Mount Compatible (SMC)	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

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

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