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Part Number:

0460140405

Status:

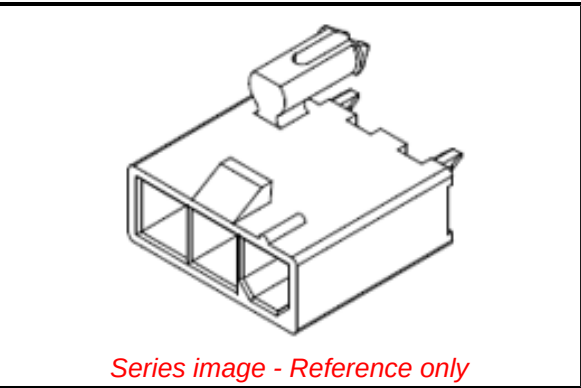
Active

Overview:

Mini-Fit Plus Connector System

Description:

Mini-Fit® Plus Header, 4.20mm Pitch, Single Row, Vertical, 4 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-2, Tin (Sn) Over Nickel (Ni) Plating



Documents:

3D Model

Packaging Specification PK-5566-002-000 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-45750-001-001 (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 as Board-to-Board Applications 12A When Using as Wire-to-Board
Overview	Mini-Fit Plus Connector System
Product Name	Mini-Fit® Plus
UPC	884982067752
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	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	1.099/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°C to +105°C

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/30/2017 (7 July

2017)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

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

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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