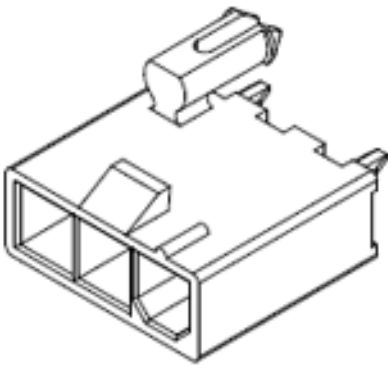




Part Number : [460143002](#)
Product Description : Mini-Fit Plus Header, 4.20mm Pitch, Single Row, Vertical, 3 Circuits - 2 Circuits Voided, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) Over Nickel (Ni) Plating
Series Number : 46014
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
[460143002_sd.pdf](#)
[PK-5566-002-000.pdf](#)

3D Models and Design Files
[460143002_stp.zip](#)

Specifications
[PS-45750-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	46014
Description	Mini-Fit Plus Header, 4.20mm Pitch, Single Row, Vertical, 3 Circuits -2 Circuits Voided, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) Over Nickel (Ni) Plating
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
Product Name	Mini-Fit Plus
UPC	884982358485

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	11.5A, 12.5A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3

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	0.773/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Pitch - Mating Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	240

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	<u>5557</u>

This document was generated on Apr 24, 2025