



Part Number : [445400003](#)

Product Description : Mini-Fit Sr. Right-Angle Header, 10.00mm Pitch, Single Row, Tin (Sn) Plating, 3 Circuits, Void in Position 2

Series Number : 44540

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[445400003_sd.pdf](#)

[PK-42820-910-001.pdf](#)

Specifications

[AS-42815-001-001.pdf](#)

[445400000-PS-000.pdf](#)

[445400000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	44540
Description	Mini-Fit Sr. Right-Angle Header, 10.00mm Pitch, Single Row, Tin (Sn) Plating, 3 Circuits, Void in Position 2
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Sr.
UPC	800753008915

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	45.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	3

Color - Resin	Black
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	Tin
Material - Resin	Nylon
Net Weight	7.912/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.50mm
Pitch - Mating Interface	10.00mm
Pitch - Termination Interface	10.00mm
Plating min - Mating	2.540μm
Plating min - Termination	2.540μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	240
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	245

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