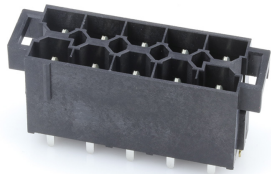




Part Number : [439151403](#)
Product Description : 10.00mm Pitch Mini-Fit
Sr. Header, Dual Row, Vertical, 1.57mm PCB
Thickness, Silver (Ag) Plating, 10 Circuits
Series Number : 43915
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings
[439151403_sd.pdf](#)

3D Models and Design Files
[439151403_stp.zip](#)

Specifications
[PS-42815-001-001.pdf](#)
[TS-42815-004-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
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	43915
Description	10.00mm Pitch Mini-Fit Sr. Header, Dual Row, Vertical, 1.57mm PCB Thickness, Silver (Ag) Plating, 10 Circuits
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Sr.
UPC	889056247405

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	50.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
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	Brass
Material - Plating Mating	Silver
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	22.172/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
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
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	235

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Sr. Dual Row Receptacle Housings	<u>43914</u>

This document was generated on Jan 24, 2025