



Part Number : [2122100042](#)
Product Description : CP-3.3 Header, 3.30mm Pitch,
Dual Row, Vertical, Polarized, Positive Lock, Glow-Wire
Capable, 4 Circuits, with Potting Capability, Red
Series Number : 212210
Status : Active
Product Category : PCB Headers and Receptacles

Documents and Resources

Drawings

[2122100042_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[2122109200-SPK-200.pdf](#)

[2122090000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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	212210
Description	CP-3.3 Header, 3.30mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Glow-Wire Capable, 4 Circuits, with Potting Capability, Red
Application	Wire-to-Board
Component Type	PCB Header
Product Name	CP-3.3
UPC	193264099757

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	500V AC / 500V DC

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4

Color - Resin	Red
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyamide (PA)
Mounting Style	Through Hole
Net Weight	1037.640/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.35mm
Pitch - Mating Interface	3.30mm
Pitch - Termination Interface	3.30mm
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
CP-3.3 Dual Row Receptacle Housings	<u>212209</u>

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