



Part Number : 2122100021

Series Number : 212210

Product Category : PCB Headers and Receptacles

Product Description : CP-3.3 Header, 3.30mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Glow-Wire Capable, 2 Circuits, with Potting Capability, Black

Status : Active

Documents & Resources

Drawings

Drawing 2122100021_sd.pdf

3D Models and Design Files

3D Model 2122100021_stp.zip


Specifications

Packaging Specification 2122109200-SPK-200.pdf

Product Specification 2122090000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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	212210
Description	CP-3.3 Header, 3.30mm Pitch, Dual Row, Vertical, Polarized, Positive Lock, Glow-Wire Capable, 2 Circuits, with Potting Capability, Black
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Family	CP Wire-to-Board and Wire-to-Wire Connector Systems
Product Name	CP-3.3
UPC	193264099702

Agency

UL	E29179
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Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Polyamide
Net Weight	751.470/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.35mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	3.30mm
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>