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Part Number: [2035552024](#)
Status: **Active**
Overview: CP Wire-to-Board and Wire-to-Wire Connector Systems
Description: CP-6.5 Header, 6.50mm Pitch, Dual Row, Right-Angle, Polarized, Surface Mount, Tape and Reel Packaging, 4 Circuits Blue

Documents:

3D Model	Test Summary 2035550001-TS-000 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-203555-2024-001 (PDF)
Product Specification 2035550001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification 2035550004-PK-000 (PDF)	

Agency Certification

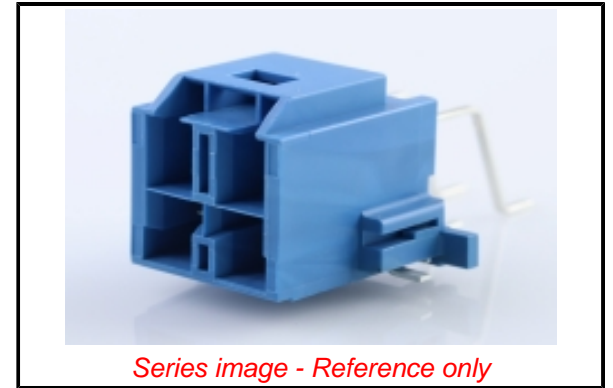
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	203555
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Overview	CP Wire-to-Board and Wire-to-Wire Connector Systems
Product Name	CP-6.5
UPC	191130538546

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Blue
Durability (mating cycles max)	30
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	Nylon
Net Weight	3.121/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	6.50mm
Pitch - Termination Interface	6.50mm
Plating min - Mating	1.270µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[203555 Series](#)

Mates With

CP-6.5 Receptacle Housing [1512072401](#)

Electrical

Current - Maximum per Contact
Voltage - Maximum

11.8A
600V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Packaging Specification
Product Specification
Sales Drawing
Symbol/Footprint Data
Test Summary

2035550004-PK-000
2035550001-PS-000
2035552000-SD-000
SYM-203555-2024-001
2035550001-TS-000

This document was generated on 07/05/2021

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