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**Part Number:** [2035551016](#)  
**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, Through Hole, Tube Packaging, 6 Circuits, Blue

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary 2035550001-TS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Symbol Footprint Data SYM-203555-1016-001 (PDF)</a>
<a href="#">Product Specification 2035550001-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification 2035550001-PK-000 (PDF)</a>	

**Agency Certification**

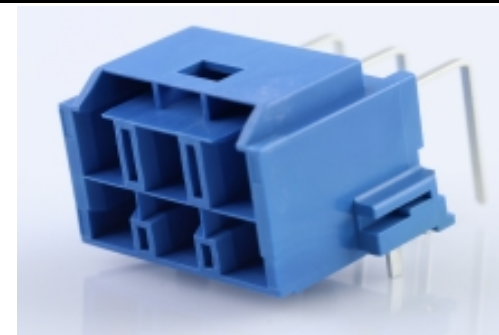
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">203555</a>
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Overview	<a href="#">CP Wire-to-Board and Wire-to-Wire Connector Systems</a>
Product Name	CP-6.5
UPC	191130538232

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	4.296/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.81mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 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 [1512072601](#)

Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 11.8A  
Voltage - Maximum 600V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification 2035550001-PK-000  
Product Specification 2035550001-PS-000  
Sales Drawing 2035551000-SD-000  
Symbol/Footprint Data SYM-203555-1016-001  
Test Summary 2035550001-TS-000

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