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Part Number: [2035552026](#)
Status: **Active**
Overview:
Description: CP-6.5 Header, 6.50mm Pitch, Dual Row, Right-Angle, Polarized, Surface Mount, Tape and Reel Packaging, 6 Circuits, Blue

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 |
| Component Type | PCB Header |
| Overview | cp65_wiretoboard_connector_system |
| Product Name | CP-6.5 |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 191130538553 |

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 | 4.324/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 |

Electrical

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

Material Info

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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](#)

Reference - Drawing Numbers

| | |
|-------------------------|---------------------|
| Packaging Specification | 2035550004-PK-000 |
| Product Specification | 2035550001-PS-000 |
| Sales Drawing | 2035552000-SD-000 |
| Symbol/Footprint Data | SYM-203555-2026-001 |
| Test Summary | 2035550001-TS-000 |

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