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Part Number:

2035552124

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, Black

- Documents:
- 3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification 2035550001-PS-000 (PDF)

Packaging Specification 2035550004-PK-000 (PDF)

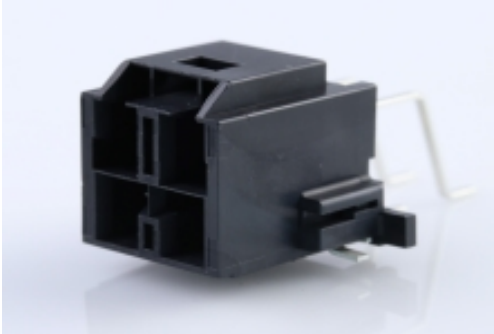
Test Summary 2035550001-TS-000 (PDF)

Datasheet (PDF)

Symbol Footprint Data SYM-203555-2024-001 (PDF)

RoHS Certificate of Compliance (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                                                                            |
| Taxonomy                       | PCB Headers and Receptacles                                                       |
| UPC                            | 191130538607                                                                      |
| Physical                       |                                                                                   |
| Breakaway                      | No                                                                                |
| Circuits (Loaded)              | 4                                                                                 |
| Circuits (maximum)             | 4                                                                                 |
| Color - Resin                  | Black                                                                             |
| 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                                                                    |



Series image - Reference only

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

203555 Series

Mates With

CP-6.5 Receptacle Housing 1512072406

|                                    |                     |
|------------------------------------|---------------------|
| Termination Interface: Style       | Surface Mount       |
| <b>Electrical</b>                  |                     |
| Current - Maximum per Contact      | 11.8A               |
| Voltage - Maximum                  | 600V AC (RMS)/DC    |
| <b>Material Info</b>               |                     |
| <b>Reference - Drawing Numbers</b> |                     |
| Packaging Specification            | 2035550004-PK-000   |
| Product Specification              | 2035550001-PS-000   |
| Sales Drawing                      | 2035552000-SD-000   |
| Symbol/Footprint Data              | SYM-203555-2024-001 |
| Test Summary                       | 2035550001-TS-000   |

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