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Part Number:

2035552322

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, 2 Circuits, Natural

Documents:

3D Model	Packaging Specification 2035550004-PK-000 (PDF)
3D Model (PDF)	Test Summary 2035550001-TS-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2035550001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

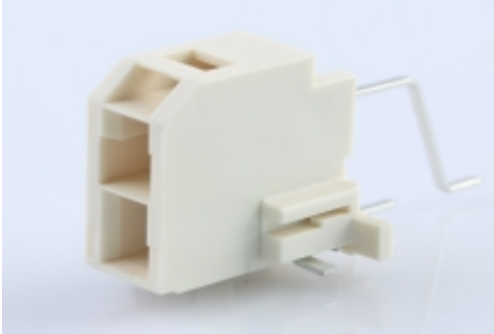
CSA	LR19980
UL	E29179

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
Component Type	PCB Header
Overview	CP Wire-to-Board and Wire-to-Wire Connector Systems
Product Name	CP-6.5
Taxonomy	PCB Headers and Receptacles
UPC	191130538690

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
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	1.965/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

China RoHS

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 [1512072211](#)

Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	11.8A
Voltage - Maximum	600V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Packaging Specification	2035550004-PK-000
Product Specification	2035550001-PS-000
Sales Drawing	2035552000-SD-000
Test Summary	2035550001-TS-000

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