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Part Number: [2035642017](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Dual Row, Vertical, Surface Mount, 0.38µm Gold Plated, Inner Positive Lock, with Pick-and-Place Tape, 20 Circuits, Natural

Documents:

Drawing (PDF)	Product Specification 5011891000-PS-CHI-001 (PDF)
2D Drawing (DXF)	Product Specification 5011891000-PS-JAP-001 (PDF)
2D Drawing DXF (PDF)	Application Specification 5011890000-AS-000 (PDF)
3D Model (PDF)	Packaging Specification 2035649200-200 (PDF)
3D Model	Datasheet (PDF)
Product Specification 5011890000-PS-001 (PDF)	RoHS Certificate of Compliance (PDF)

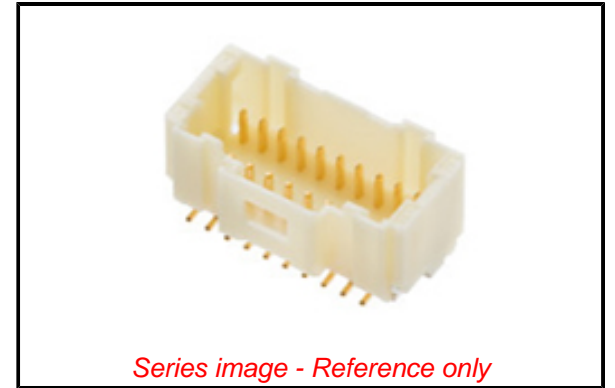
General

Product Family	PCB Headers
Series	203564
Application	Signal, Wire-to-Board
Comments	With Pick-and-Place Tape
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
Taxonomy	PCB Headers and Receptacles
UPC	191128156103

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	315.600/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.380µm
Plating min - Termination	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Tape
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical



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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[203564](#) Series

Mates With

Pico-Clasp Female Housing [501189](#)

Current - Maximum per Contact
Voltage - Maximum

1.0A
100V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

5011890000-AS-000

Packaging Specification

2035649200-200

Product Specification

5011890000-PS-001, 5011891000-PS-CHI-001,

5011891000-PS-JAP-001

Sales Drawing

2035640000-SD-000

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