

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [501571-2007](#)
Status: **Active**
Overview: [Pico-Clasp™ Single and Dual Row Wire-to-Board Connectors](#)
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board PCB Header, Dual Row, Right Angle, 20 Circuits

Documents:

[3D Model](#) [Product Specification PS-501571-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

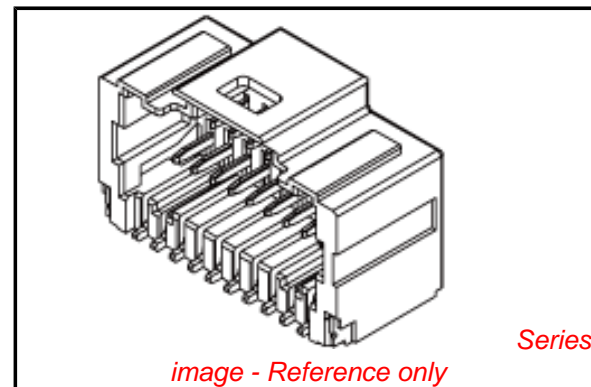
Product Family	PCB Headers
Series	501571
Application	Signal, Wire-to-Board
Overview	Pico-Clasp™ Single and Dual Row Wire-to-Board Connectors
Product Name	Pico-Clasp™
UPC	822348828401

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	626.500/mg
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.102µm
Plating min - Termination	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.8A, 1A
Voltage - Maximum	50V AC (RMS)/DC



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[501571Series](#)

Mates With

[501189 Pico-Clasp™ Wire-to-Board Female Housing](#)

Material Info

Reference - Drawing Numbers

Product Specification

PS-501571-001, RPS-501190-003, RPS-501190-007,
RPS-501190-008, RPS-501331-001, RPS-501571-005,
RPS-501571-006, RPS-501571-007, RPS-501571-008,
RPS-501571-009, RPS-501571-010
SD-501571-001, SD-501571-002

Sales Drawing

This document was generated on 02/02/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION