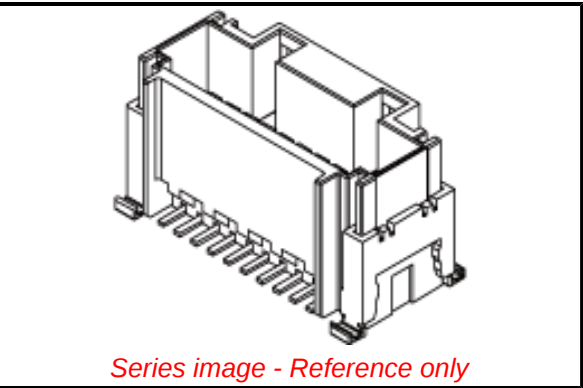


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Part Number: 5019314070
Status: Active
Overview: Duo-Clasp™ Wire-to-Board System
Description: 1.25mm Pitch Duo-Clasp™ Wire-to-Board PCB Receptacle, Dual Row, Vertical, 0.10µm Gold (Au) Plating, 40 Circuits



Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-501931-002-001 \(PDF\)](#)
[Application Specification AS-503110-001-001 \(PDF\)](#)
[Application Specification AS-503110-002-001 \(PDF\)](#)
[Packaging Specification SPK-501931-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family PCB Receptacles
Series 501931
Application Signal, Wire-to-Board
Overview Duo-Clasp™ Wire-to-Board System
Product Name Duo-Clasp™
UPC 822350236065

Physical
Circuits (Loaded) 40
Circuits (maximum) 40
Color - Resin Natural
Durability (mating cycles max) 30
Glow-Wire Compliant No
Guide to Mating Part Yes
Keying to Mating Part Yes
Lock to Mating Part Yes
Mated Height 10.95mm
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Net Weight 1668.200/mg
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 1.25mm
Plating min - Mating 0.100µm
Plating min - Termination 1.000µm
Polarized to Mating Part Yes
Polarized to PCB No
Stackable No
Temperature Range - Operating -25°C to +85°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 1.0A
Voltage - Maximum 50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/30/2017 (7 July
2017)
Halogen-Free
Status
Not Low-Halogen

Need more information on product
environmental compliance?
Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
501931 Series

Mates With
503110 Crimp Housing

Application Specification
Packaging Specification
Product Specification
Sales Drawing

AS-503110-001-001, AS-503110-002-001
SPK-501931-001-001
PS-501931-002-001
SD-501931-001, SD-501931-002

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