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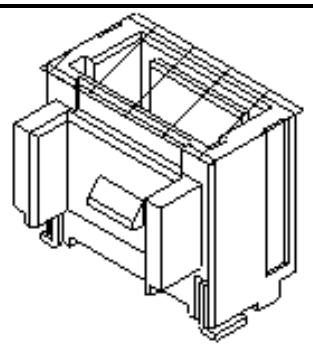
Part Number: 5019400307
Status: Active
Overview: Pico-Clasp™ Wire-to-Board Connectors
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, Tin Plated, with Outer Positive Lock, with Pick-and-Place Tape, 3 Circuits



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification 5019400000-000 (PDF)
- Product Specification PS-501940-001-001 (PDF)
- Packaging Specification SPK-501940-001-001 (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	501940
Application	Signal, Wire-to-Board
Overview	Pico-Clasp™ Wire-to-Board Connectors
Product Name	Pico-Clasp™
UPC	822350287050

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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
Mated Height	7.30mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	104.600/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -ED/01/2017 (12 January 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
501940 Series

Mates With
501939 Pico-Clasp™ Wire-to-Board Housing

Packaging Specification	SPK-501940-001-001
Product Specification	5019400000-000, PS-501940-001-001
Sales Drawing	SD-501940-001, SD-501940-002

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