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Part Number: [5019400407](#)
Status: **Active**
Overview: Pico-Clasp™ Wire-to-Board Connectors
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, 4 Circuits, with Cover Tape

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	PCB Headers
Series	501940
Application	Signal, Wire-to-Board
Overview	Pico-Clasp™ Wire-to-Board Connectors
Product Name	Pico-Clasp™
UPC	822350287043

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	High Temperature Thermoplastic
Net Weight	121.700/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

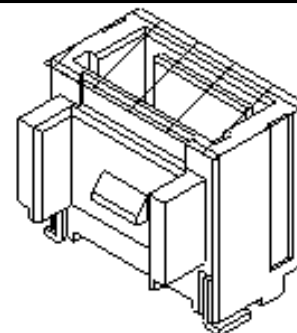
Electrical

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

Material Info

Reference - Drawing Numbers

Sales Drawing [SD-501940-001](#), [SD-501940-002](#)



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

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environmental compliance?**

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non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[501940](#) Series

Mates With

[501939](#) Pico-Clasp™ Wire-to-Board
Housing

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