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Part Number: [5040510701](#)
Status: **Active**
Overview: Pico-Lock™ Connector System
Description: 1.50mm Pitch Pico-Lock™ Crimp Housing , 2.00mm Mated Height, Positive Side Locks, 7 Circuits

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-504051-001-001 (PDF) |
| Drawing (PDF) | Application Specification AS-504051-002-001 (PDF) |
| Product Specification PS-504051-001-001 (PDF) | Packaging Specification SPK-504051-001-001 (PDF) |
| Product Specification PS-504051-002-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

UL E29179

General

| | |
|----------------|------------------------------------|
| Product Family | Crimp Housings |
| Series | 504051 |
| Application | Wire-to-Board |
| Overview | <u>Pico-Lock™ Connector System</u> |
| Product Name | Pico-Lock™ |
| UPC | 884982939905 |

Physical

| | |
|-------------------------------|--------------------------------|
| Circuits (maximum) | 7 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Compliant | No |
| Keying to Mating Part | N/A |
| Lock to Mating Part | Yes |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 82.500/mg |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 1.50mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |

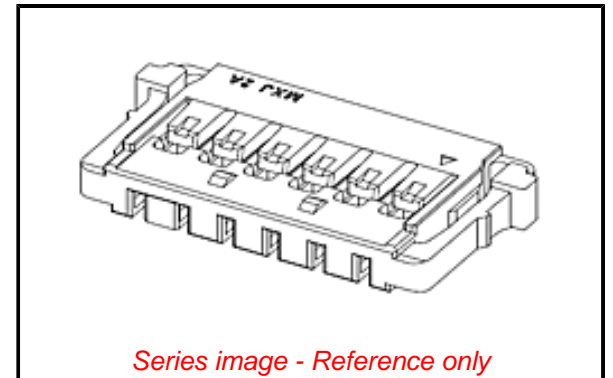
Electrical

Current - Maximum per Contact 3.0A

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--------------------------------------|
| Application Specification | AS-504051-001-001, AS-504051-002-001 |
| Packaging Specification | SPK-504051-001-001 |
| Product Specification | PS-504051-001-001, PS-504051-002-001 |
| Sales Drawing | SD-504051-001 |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free Status

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[504051 Series](#)

Mates With

[504050 Pico-Lock™ SMT Wire-to-Board Header](#)

Use With

[504052 Pico-Lock™ Crimp Terminal](#)