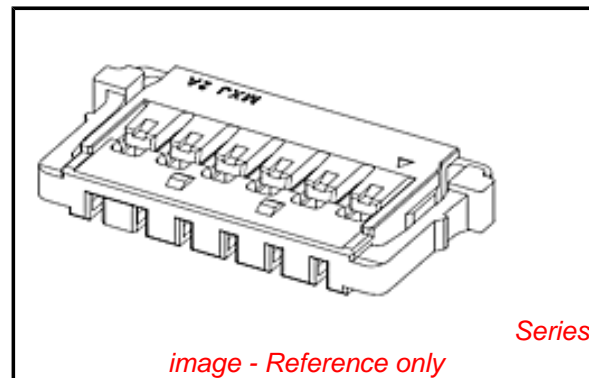


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [504051-0601](#)
Status: **Active**
Overview: Pico-Lock™ Connector System
Description: 1.50mm Pitch Pico-Lock™ Crimp Housing, 2.00mm Mated Height, Positive Side Locks, 6 Circuits

Documents:

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



Agency Certification

UL E29179

General

| | |
|----------------|---|
| Product Family | Crimp Housings |
| Series | 504051 |
| Application | Wire-to-Board |
| Overview | Pico-Lock™ Connector System |
| Product Name | Pico-Lock™ |
| UPC | 884982939899 |

Physical

| | |
|-------------------------------|--------------------------------|
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Gender | Female |
| Glow-Wire Compliant | No |
| Keying to Mating Part | N/A |
| Lock to Mating Part | Yes |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 73.700/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 | -25°C to +85°C |

Electrical

Current - Maximum per Contact 3.0A

Material Info

Reference - Drawing Numbers

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

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status 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

[504051Series](#)

Mates With

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

Use With

[504052](#) Pico-Lock™ Crimp Terminal