

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5040511201](#)
Status: **Active**
Overview: [Pico-Lock Connector System](#)
Description: 1.50mm Pitch, Pico-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 12 Circuits, Black

Documents:

| | |
|---|---|
| Drawing (PDF) | Application Specification AS-504051-001-001 (PDF) |
| 3D Model (PDF) | Packaging Specification SPK-504051-001-001 (PDF) |
| 3D Model | Datasheet (PDF) |
| Product Specification 5040511001-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-504051-001-001 (PDF) | |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|--|
| Product Family | Crimp Housings |
| Series | 504051 |
| Application | Signal, Wire-to-Board |
| Comments | See Molex product specification PS-504051-001 for additional current de-rating information |
| Overview | Pico-Lock Connector System |
| Product Name | Pico-Lock |
| UPC | 887191541525 |

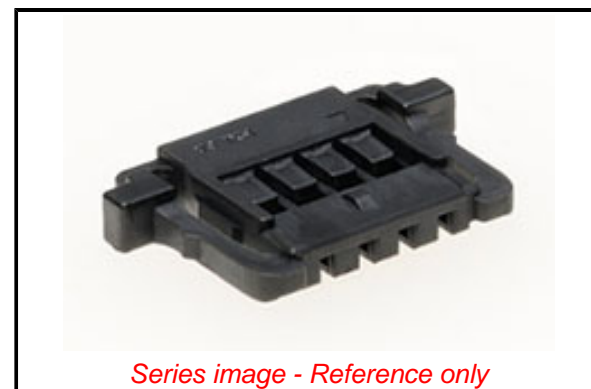
Physical

| | |
|-------------------------------|--------------------------------|
| Circuits (maximum) | 12 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 126.800/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° to +105°C |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--------------------------------------|
| Application Specification | AS-504051-001-001 |
| Packaging Specification | SPK-504051-001-001 |
| Product Specification | 5040511001-PS-000, PS-504051-001-001 |
| Sales Drawing | 5040510000-SD-000 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[504051-1201](#)