



Part Number : [5040510601](#)
Product Description : 1.50mm Pitch, Pico-Lock
Receptacle Crimp Housing, Single Row, Positive Lock, 6
Circuits, Black
Series Number : 504051
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

[5040510601_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[5040510601.dxf](#)

Specifications

[AS-504051-001-001.pdf](#)

[SPK-504051-001-001.pdf](#)

[5040510000-PS-000.pdf](#)

[5040511001-PS-000.pdf](#)

[PS-504051-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)

EU RoHS	Compliant per EU 2015/863
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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	504051
Description	1.50mm Pitch, Pico-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 6 Circuits, Black
Application	Signal, Wire-to-Board
Comments	See Molex product specification PS-504051-001 for additional current de-rating information
Product Name	Pico-Lock
UPC	884982939899

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	6
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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	0.080/g
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.50mm Pitch Pico-Lock Right-Angle Single Row Headers	<u>504050</u>

Use with Part(s)

Description	Part Number
1.50mm Pitch Pico-Lock Female Crimp Terminals	<u>504052</u>