



Part Number : [5037630491](#)
Product Description : 1.00mm Pitch, Pico-Lock
PCB Header, Single Row, Right-Angle, Surface
Mount, Gold over Nickel Plating, Positive Lock,
4 Circuits, Tape and Reel
Series Number : 503763
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources


Drawings
[5037630491_sd.pdf](#)

3D Models and Design Files
[5037630491.dxf](#)
[5037630491.pdf](#)
[5037630491_stp.zip](#)

Specifications
[AS-503764-001-001.pdf](#)
[SPK-503763-001-001.pdf](#)
[5037641001-PS-000.pdf](#)
[PS-503764-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	503763
Description	1.00mm Pitch, Pico-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Gold over Nickel Plating, Positive Lock, 4 Circuits, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Pico-Lock
UPC	887191353838

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	150V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black

Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	SC-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Mated Height	1.50mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	76.240/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.100µm
Polarized to Mating Part	Yes
Shrouded	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.00mm Pitch, Pico-Lock Single Row Receptacle Housings	<u>503764</u>
Pico-Lock-to-Pico-Lock Off-the-Shelf (OTS) Cable Assemblies	<u>15131</u>