



Part Number : [5031590300](#)
Product Description : 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, Positive Lock, with Peg, 3 Circuits, Natural
Series Number : 503159
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
[Drawing 5031590300_sd.pdf](#)

3D Models and Design Files
[3D Model 5031590300_stp.zip](#)

Specifications
[Application Specification AS-502578-001-001.pdf](#)
[Packaging Specification SPK-503159-001-001.pdf](#)
[Product Specification 5025780002-PS-000.pdf](#)
[Product Specification 5025781002-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	503159
Description	1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, Positive Lock, with Peg, 3 Circuits, Natural
Application	Signal, Wire-to-Board
Component Type	PCB Receptacle
Product Family	CLIK-Mate Wire-to-Board Connectors
Product Name	CLIK-Mate
UPC	883906077235

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V

Physical

Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Beige
Durability (mating cycles max)	30
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes

Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	365.401/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm, 1.70mm
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.50mm Pitch CLIK-Mate Single Row Plug Housings	<u>502578</u>
1.50mm Pitch CLIK-Mate-to-CLIK-Mate Off-the-Shelf (OTS) Cable Assemblies	<u>15135</u>